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STATISTICAL HIGHLIGHTS

GAS APPLIANCE MANUFACTURERS ASSOCIATION, INC.
1901 North Moore Street • Arlington, Va. 22209 • 703/525-9565

STATISTICS FOR THE MONTH OF SEPTEMBER 1988

A summary of shipments statistics compiled by GAMA from reports by its members. Unless otherwise noted, figures represent total industry factory unit shipments.

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Issued: November 16, 1988

RESIDENTIAL GAS & ELECTRIC STORAGE WATER HEATERS

	GAS WATER HEATER (Excludes Boosters)			ELECTRIC WATER HEATERS (Excludes Boosters)			TOTAL		
MONTH	**1988**	**1987**	**%Chg.**	**1988**	**1987**	**%Chg.**	**1988**	**1987**	**%Chg.**
January	354,840	345,808	+2.6	282,499	286,966	-1.6	637,339	632,774	+0.7
February	320,350	340,019	-5.8	261,891	278,289	-5.9	582,241	618,308	-5.8
March	334,094	351,914	-5.1	283,191	301,311	-6.0	617,285	653,225	-5.5
3 Months	1,009,284	1,037,741	-2.7	827,581	866,566	-4.5	1,836,865	1,904,307	-3.5
April	329,060	353,152	-6.8	266,628	311,318	-14.4	595,688	664,470	-10.4
May	316,767	290,477	+9.1	273,281	263,610	+3.7	590,048	554,087	+6.5
June	332,697	330,285	+0.7	290,034	299,894	-3.3	622,731	630,179	-1.2
6 Months	1,987,808	2,011,655	-1.2	1,657,524	1,741,388	-4.8	3,645,332	3,753,043	-2.9
July	286,758	297,199	-3.5	256,561	276,164	-7.1	543,319	573,363	-5.2
August	289,580	289,836	-0.1	272,941	270,759	+0.8	562,521	560,595	+0.3
September	321,352	311,719	+3.1	272,864	269,658	+1.2	594216	581,377	+2.2
9 Months	2,885,498	2,910,409	-0.9	2,459,890	2,557,969	-3.8	5345388	5,468,378	-2.2
October		360,606			294,422			655,028	
November		310,355			257,772			568,127	
December		369,314			286,232			655,546	
YEAR-END		3,950,684			3,396,395			7,347,079	

Figures include shipments to mobile home manufacturers.

COMMERCIAL WATER HEATERS

MONTH	GAS COMMERCIAL WATER HEATERS (a) 1988	1987	%Chg.	ELECTRIC COMMERCIAL WATER HEATERS (a) 1988	1987	%Chg.
January	17,740 (r)	18,981	-6.5	1,335	1,446	-7.7
February	16,229 (r)	18,569	-12.6	1,384	1,535	-9.8
March	16,401	17,798	-7.8	1,595	1,568	+1.7
3 Months	50,370	55,348	-9.0	4,314	4,549	-5.2
April	15,641	18,668	-16.2	1,698	1,685	+0.8
May	16,573	19,102	-13.2	1,505	1,550	-2.9
June	19,920	21,199	-6.0	1,857	1,561	+19.0
6 Months	102,504	114,317	-10.3	9,374	9,345	+0.3
July	13,500	15,773	-14.4	1,296	1,416	-8.5
August	N/A	13,019	---	1,674	1,505	+11.2
September	N/A	13,728	---	1,593	1,536	+3.7
9 Months	---	156,837	---	13,937	13,802	+1.0
October		14,200			1,568	
November		21,053			1,415	
December		19,376			1,576	
YEAR-END		211,466			18,361	

(a) Includes integral tank type and copper tube or coil type commercial gas water heaters and gas swimming pool heater.
(r) Revised
(N/A) Not Available

CENTRAL HEATING FURNACES

	GAS WARM AIR FURNACES			OIL WARM AIR FURNACES			ELECTRIC WARM AIR FURNACES		
MONTH	**1988**	**1987**	**%Chg.**	**1988**	**1987**	**%Chg.**	**1988**	**1987**	**%Chg**
January	157,210	168,355	-6.6	15,095	16,195	-6.8	27,685	31,385	-11.8
February	134,270	152,735	-12.1	12,790	13,510	-5.3	24,050	30,740	-21.8
March	147,965	148,845	-0.6	11,910	11,845	+0.5	24,565	39,010	-37.0
3 Months	439,445	469,935	-6.5	39,795	41,550	-4.2	76,300	101,135	-24.6
April	124,910	137,595	-9.2	7,755	10,870	-28.7	20,885	37,115	-43.7
May	118,490	118,350	+0.1	8,460	8,635	-2.0	29,575	33,435	-11.5
June	138,545	139,820	-0.9	10,640	10,540	+0.9	30,890	31,965	-3.4
6 Months	821,390	865,700	-5.1	66,650	71,595	-6.9	157,650	203,650	-22.6
July	163,550	156,660	+4.4	14,890	12,380	+20.3	27,150	30,100	-9.8
August	200,730	203,020	-1.1	22,565	22,840	-1.2	23,945	33,070	-27.6
September	254,035	234,015	+8.6	32,085	31,830	+0.8	24,680	31,610	-21.9
9 Months	1,439,705	1,459,395	-1.3	136,190	138,645	-1.8	233,425	298,430	-21.8
October		240,585			25,795			29,100	
November		193,665			24,290			23,835	
December		179,280			17,715			23,690	
YEAR-END		2,072,925			206,445			375,055	

GAS & OIL BOILERS

MONTH	GAS BOILERS 1988	GAS BOILERS 1987	GAS BOILERS %Chg.	OIL BOILERS 1988	OIL BOILERS 1987	OIL BOILERS %Chg.
January	16,694 (r)	12,578	+32.7	11,848 (r)	9,227	+28.4
February	11,102 (r)	12,323	-9.9	6,030 (r)	8,337	-27.7
March	12,017 (r)	11,707	+2.6	9,677 (r)	9,306	+4.0
3 Months	39,813	36,608	+8.8	27,555	26,870	+2.5
April	6,834	8,348	-18.1	6,525	7,002	-6.8
May	9,974	9,733	+2.5	6,728 (r)	7,897	-14.8
June	15,140	14,380	+5.3	11,472	10,778	+6.4
6 Months	71,761	69,069	+3.9	52,280	52,547	-0.5
July	14,010	12,185	+15.0	9,597	9,312	+3.1
August	20,347	17,942	+13.4	14,575	12,530	+16.3
September	28,423	21,968	+29.4	19,053	15,535	+22.6
9 Months	134,541	121,164	+11.0	95,505	89,924	+6.2
October		28,402			18,123	
November		22,541			13,765	
December		17,555			12,902	
YEAR-END		189,662			134,714	

(r) Revised

GAS RESIDENTIAL WALL FURNACES

	VENTED WALL FURNACES			DIRECT VENT SYSTEM WALL FURNACES (a)			TOTAL WALL FURNACES		
MONTH	**1988**	**1987**	**%Chg.**	**1988**	**1987**	**%Chg.**	**1988**	**1987**	**%Chg**
January	9,280	8,200	+13.2	4,400	5,040	-12.7	13,680	13,240	+3.3
February	4,240	7,750	-45.3	2,360	2,960	-20.3	6,600	10,710	-38.4
March	5,850	7,320	-20.1	4,450	5,430	-18.0	10,300	12,750	-19.2
3 Months	19,370	23,270	-16.8	11,210	13,430	-16.5	30,580	36,700	-16.7
April	4,990	4,790	+4.2	3,690	3,090	+19.4	8,680	7,880	+10.2
May	6,480	5,910	+9.6	5,180	3,120	+66.0	11,660	9,030	+29.1
June	8,540	6,890	+23.9	5,830	5,130	+13.6	14,370	12,020	+19.6
6 Months	39,380	40,860	-3.6	25,910	24,770	+4.6	65,290	65,630	-0.5
July	5,770	5,560	+3.8	5,720	3,260	+75.5	11,490	8,820	+30.3
August	8,880	8,410	+5.6	4,610	4,060	+13.5	13,490	12,470	+8.2
September	16,050	10,320	+55.5	8,090	6,280	+28.8	24,140	16,600	+45.4
9 Months	70,080	65,150	+7.6	44,330	38,370	+15.5	114,410	103,520	+10.5
October		14,040			8,390			22,430	
November		13,230			7,310			20,540	
December		13,320			6,730			20,050	
YEAR-END		105,740			60,800			166,540	

(a) Figures exclude shipments of wall furnaces for installation in recreational vehicles.

VENTED & UNVENTED ROOM HEATERS

MONTH	VENTED ROOM HEATERS 1988	1987	%Chg.	UNVENTED ROOM HEATERS 1988	1987	%Chg.
January	3,613	5,964	-39.4	10,321	5,355	+92.7
February	2,173	3,216	-32.4	3,653	8,843	-58.7
March	4,824	5,192	-7.1	6,159	4,845	+27.1
3 Months	10,610	14,372	-26.2	20,133	19,043	+5.7
April	4,534	3,938	+15.1	12,133	5,070	—
May	6,227	5,011	+24.3	17,220	15,643	+10.1
June	9,757	7,180	+35.9	21,356	10,867	+96.5
6 Months	31,128	30,501	+2.1	70,842	50,623	+39.9
July	7,654	6,778	+12.9	16,271	22,498	-27.7
August	8,618	10,124	-14.9	15,131	17,888	-15.4
September	11,849	10,854	+9.2	24,744	19,156	+29.2
9 Months	59,249	58,257	+1.7	126,988	110,165	+15.3
October		16,227			27,423	
November		10,611			25,263	
December		5,469			14,254	
YEAR-END		90,564			177,105	

OTHER HEATING EQUIPMENT

MONTH	GAS RECREATIONAL VEHICLE HEATING SYSTEMS (a)			GAS FLOOR FURNACES		
	1988	1987	%Chg.	1988	1987	%Chg.
January	17,578 (r)	19,463	-9.7	1,217	1,046	+16.3
February	18,998	19,121	-0.6	930	1,226	-24.1
March	24,693	23,991	+2.9	1,178	1,594	-26.1
3 Months	61,269	62,575	-2.1	3,325	3,866	-14.0
April	22,058	22,769	-3.1	1,076	1,283	-16.1
May	21,963	21,594	+1.7	1,592	1,716	-7.2
June	21,133	18,863	+12.0	2,092	1,122	+86.5
6 Months	126,423	125,801	+0.5	8,085	7,987	+1.2
July	18,302 (r)	18,540	-1.3	1,015	1,092	-7.1
August	19,384	18,723	+3.5	1,726	1,271	+35.8
September	18,268	19,415	-5.9	2,021	2,424	-16.6
9 Months	182,377	182,479	-0.1	12,847	12,774	+0.6
October		19,725			3,711	
November		16,603			2,032	
December		15,964			1,187	
YEAR-END		234,771			19,704	

(a) Includes Direct Vent Wall & Direct Vent Central Furnaces.
(r) Revised

GAS UNIT HEATERS AND DUCT FURNACES

MONTH	PROPELLER FAN TYPE UNIT HEATERS			BLOWER TYPE UNIT HEATERS			DUCT FURNACES		
	1988	1987	%Chg.	1988	1987	%Chg.	1988	1987	%Chg.
January	13,557	10,199	+32.9	884	885	-0.1	1,638	1,589	+3.1
February	11,221	11,177	+0.4	831	793	+4.8	1,774	1,758	+0.9
March	6,652	10,998	-39.5	628	1,027	-38.9	1,028	1,602	-35.8
3 Months	31,430	32,374	-2.9	2,343	2,705	-13.4	4,440	4,949	-10.3
April	5,794	8,768	-33.9	566	630	-10.2	1,092	1,146	-4.7
May	5,608	10,370	-45.9	696	611	+13.9	1,325	1,005	+31.8
June	11,844	12,715	-6.9	573	831	-31.0	982	1,364	-28.0
6 Months	54,676	64,227	-14.9	4,178	4,777	-12.5	7,839	8,464	-7.4
July	10,289	8,447	+21.8	581	473	+22.8	631	1,034	-39.0
August	15,834	14,002	+13.1	1,063	872	+21.9	1,306	1,355	-3.6
September	19,789	18,836	+5.1	1,124	1,317	-14.7	1,635	1,792	-8.8
9 Months	100,588	105,512	-4.7	6,946	7,439	-6.6	11,411	12,645	-9.8
October		16,232			1,091			1,742	
November		17,304			1,051			2,281	
December		14,037			1,374			1,961	
YEAR-END		153,085			10,955			18,629	

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STATISTICAL HIGHLIGHTS

GAS APPLIANCE MANUFACTURERS ASSOCIATION, INC.
1901 North Moore Street • Arlington, Va. 22209 • 703/525-9565

STATISTICS FOR THE MONTH OF OCTOBER 1988

A summary of shipments statistics compiled by GAMA from reports by its members. Unless otherwise noted, figures represent total industry factory unit shipments.

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9	**GAS UNIT HEATERS and DUCT FURNACES**

Issued: December 14, 1988

RESIDENTIAL GAS & ELECTRIC STORAGE WATER HEATERS

	GAS WATER HEATER (Excludes Boosters)			ELECTRIC WATER HEATERS (Excludes Boosters)			TOTAL		
MONTH	**1988**	**1987**	**%Chg.**	**1988**	**1987**	**%Chg.**	**1988**	**1987**	**%Chg.**
January	354,840	345,808	+2.6	282,499	286,966	-1.6	637,339	632,774	+0.7
February	320,350	340,019	-5.8	261,891	278,289	-5.9	582,241	618,308	-5.8
March	334,094	351,914	-5.1	283,191	301,311	-6.0	617,285	653,225	-5.5
3 Months	1,009,284	1,037,741	-2.7	827,581	866,566	-4.5	1,836,865	1,904,307	-3.5
April	329,060	353,152	-6.8	266,628	311,318	-14.4	595,688	664,470	-10.4
May	316,767	290,477	+9.1	273,281	263,610	+3.7	590,048	554,087	+6.5
June	332,697	330,285	+0.7	290,034	299,894	-3.3	622,731	630,179	-1.2
6 Months	1,987,808	2,011,655	-1.2	1,657,524	1,741,388	-4.8	3,645,332	3,753,043	-2.9
July	286,758	297,199	-3.5	256,561	276,164	-7.1	543,319	573,363	-5.2
August	289,580	289,836	-0.1	272,941	270,759	+0.8	562,521	560,595	+0.3
September	321,352	311,719	+3.1	272,864	269,658	+1.2	594,216	581,377	+2.2
9 Months	2,885,498	2,910,409	-0.9	2,459,890	2,557,969	-3.8	5,345,388	5,468,378	-2.2
October	380,810	360,606	+5.6	308,139	294,422	+4.7	688,949	655,028	+5.2
November		310,355			257,772			568,127	
December		369,314			286,232			655,546	
YEAR-END		3,950,684			3,396,395			7,347,079	

Figures include shipments to mobile home manufacturers.

COMMERCIAL WATER HEATERS

MONTH	GAS COMMERCIAL WATER HEATERS (a) 1988	1987	%Chg.	ELECTRIC COMMERCIAL WATER HEATERS (a) 1988	1987	%Chg.
January	17,740 (r)	18,981	-6.5	1,335	1,446	-7.7
February	16,229 (r)	18,569	-12.6	1,384	1,535	-9.8
March	16,401	17,798	-7.8	1,595	1,568	+1.7
3 Months	50,370	55,348	-9.0	4,314	4,549	-5.2
April	15,641	18,668	-16.2	1,698	1,685	+0.8
May	16,573	19,102	-13.2	1,505	1,550	-2.9
June	19,920	21,199	-6.0	1,857	1,561	+19.0
6 Months	102,504	114,317	-10.3	9,374	9,345	+0.3
July	13,500	15,773	-14.4	1,296	1,416	-8.5
August	N/A	13,019	---	1,674	1,505	+11.2
September	N/A	13,728	---	1,593	1,536	+3.7
9 Months	---	156,837	---	13,937	13,802	+1.0
October	N/A	14,200	---	1,694	1,568	+8.0
November		21,053			1,415	
December		19,376			1,576	
YEAR-END		211,466			18,361	

(a) Includes integral tank type and copper tube or coil type commercial gas water heaters and gas swimming pool heater.
(b)Excludes gas swimming pool heaters.
(r) Revised

CENTRAL HEATING FURNACES

	GAS WARM AIR FURNACES			OIL WARM AIR FURNACES			ELECTRIC WARM AIR FURNACES		
MONTH	**1988**	**1987**	**%Chg.**	**1988**	**1987**	**%Chg.**	**1988**	**1987**	**%Chg**
January	157,210	168,355	-6.6	15,095	16,195	-6.8	27,685	31,385	-11.8
February	134,270	152,735	-12.1	12,790	13,510	-5.3	24,050	30,740	-21.8
March	147,965	148,845	-0.6	11,910	11,845	+0.5	24,565	39,010	-37.0
3 Months	439,445	469,935	-6.5	39,795	41,550	-4.2	76,300	101,135	-24.6
April	124,910	137,595	-9.2	7,755	10,870	-28.7	20,885	37,115	-43.7
May	118,490	118,350	+0.1	8,460	8,635	-2.0	29,575	33,435	-11.5
June	138,545	139,820	-0.9	10,640	10,540	+0.9	30,890	31,965	-3.4
6 Months	821,390	865,700	-5.1	66,650	71,595	-6.9	157,650	203,650	-22.6
July	163,550	156,660	+4.4	14,890	12,380	+20.3	27,150	30,100	-9.8
August	200,730	203,020	-1.1	22,565	22,840	-1.2	23,945	33,070	-27.6
September	254,035	234,015	+8.6	32,085	31,830	+0.8	24,680	31,610	-21.9
9 Months	1,439,705	1,459,395	-1.3	136,190	138,645	-1.8	233,425	298,430	-21.8
October	251,855	240,585	+4.7	27,210	25,795	+5.5	23,090	29,100	-20.7
November		193,665			24,290			23,835	
December		179,280			17,715			23,690	
YEAR-END		2,072,925			206,445			375,055	

GAS & OIL BOILERS

MONTH	GAS BOILERS 1988	GAS BOILERS 1987	GAS BOILERS %Chg.	OIL BOILERS 1988	OIL BOILERS 1987	OIL BOILERS %Chg.
January	16,694 (r)	12,578	+32.7	11,848 (r)	9,227	+28.4
February	11,102 (r)	12,323	-9.9	6,030 (r)	8,337	-27.7
March	12,017 (r)	11,707	+2.6	9,677 (r)	9,306	+4.0
3 Months	39,813	36,608	+8.8	27,555	26,870	+2.5
April	6,834	8,348	-18.1	6,525	7,002	-6.8
May	9,974	9,733	+2.5	6,728 (r)	7,897	-14.8
June	15,140	14,380	+5.3	11,472	10,778	+6.4
6 Months	71,761	69,069	+3.9	52,280	52,547	-0.5
July	14,010	12,185	+15.0	9,597	9,312	+3.1
August	20,347	17,942	+13.4	14,575	12,530	+16.3
September	28,423	21,968	+29.4	19,053	15,535	+22.6
9 Months	134,541	121,164	+11.0	95,505	89,924	+6.2
October	32,057	28,402	+12.9	20,469	18,123	+12.9
November		22,541			13,765	
December		17,555			12,902	
YEAR-END		189,662			134,714	

(r) Revised

GAS RESIDENTIAL WALL FURNACES

	VENTED WALL FURNACES			DIRECT VENT SYSTEM WALL FURNACES (a)			TOTAL WALL FURNACES		
MONTH	**1988**	**1987**	**%Chg.**	**1988**	**1987**	**%Chg.**	**1988**	**1987**	**%Chg**
January	9,280	8,200	+13.2	4,400	5,040	-12.7	13,680	13,240	+3.3
February	4,240	7,750	-45.3	2,360	2,960	-20.3	6,600	10,710	-38.4
March	5,850	7,320	-20.1	4,450	5,430	-18.0	10,300	12,750	-19.2
3 Months	19,370	23,270	-16.8	11,210	13,430	-16.5	30,580	36,700	-16.7
April	4,990	4,790	+4.2	3,690	3,090	+19.4	8,680	7,880	+10.2
May	6,480	5,910	+9.6	5,180	3,120	+66.0	11,660	9,030	+29.1
June	8,540	6,890	+23.9	5,830	5,130	+13.6	14,370	12,020	+19.6
6 Months	39,380	40,860	-3.6	25,910	24,770	+4.6	65,290	65,630	-0.5
July	5,770	5,560	+3.8	5,720	3,260	+75.5	11,490	8,820	+30.3
August	8,880	8,410	+5.6	4,610	4,060	+13.5	13,490	12,470	+8.2
September	16,050	10,320	+55.5	8,090	6,280	+28.8	24,140	16,600	+45.4
9 Months	70,080	65,150	+7.6	44,330	38,370	+15.5	114,410	103,520	+10.5
October	12,670	14,040	-9.8	7,480	8,390	-10.8	20,150	22,430	-10.2
November		13,230			7,310			20,540	
December		13,320			6,730			20,050	
YEAR-END		105,740			60,800			166,540	

(a) Figures exclude shipments of wall furnaces for installation in recreational vehicles.

VENTED & UNVENTED ROOM HEATERS

MONTH	VENTED ROOM HEATERS 1988	1987	%Chg.	UNVENTED ROOM HEATERS 1988	1987	%Chg.
January	3,613	5,964	-39.4	10,321	5,355	+92.7
February	2,173	3,216	-32.4	3,653	8,843	-58.7
March	4,824	5,192	-7.1	6,159	4,845	+27.1
3 Months	10,610	14,372	-26.2	20,133	19,043	+5.7
April	4,534	3,938	+15.1	12,133	5,070	—
May	6,227	5,011	+24.3	17,220	15,643	+10.1
June	9,757	7,180	+35.9	21,356	10,867	+96.5
6 Months	31,128	30,501	+2.1	70,842	50,623	+39.9
July	7,654	6,778	+12.9	16,271	22,498	-27.7
August	8,618	10,124	-14.9	15,131	17,888	-15.4
September	11,849	10,854	+9.2	24,744	19,156	+29.2
9 Months	59,249	58,257	+1.7	126,988	110,165	+15.3
October	15,028	16,227	-7.4	32,609	27,423	+18.9
November		10,611			25,263	
December		5,469			14,254	
YEAR-END		90,564			177,105	

OTHER HEATING EQUIPMENT

MONTH	GAS RECREATIONAL VEHICLE HEATING SYSTEMS (a)			GAS FLOOR FURNACES		
	1988	1987	%Chg.	1988	1987	%Chg.
January	17,578 (r)	19,463	-9.7	1,217	1,046	+16.3
February	18,998	19,121	-0.6	930	1,226	-24.1
March	24,693	23,991	+2.9	1,178	1,594	-26.1
3 Months	61,269	62,575	-2.1	3,325	3,866	-14.0
April	22,058	22,769	-3.1	1,076	1,283	-16.1
May	21,963	21,594	+1.7	1,592	1,716	-7.2
June	21,133	18,863	+12.0	2,092	1,122	+86.5
6 Months	126,423	125,801	+0.5	8,085	7,987	+1.2
July	18,602	18,540	+0.3	1,015	1,092	-7.1
August	19,384	18,723	+3.5	1,726	1,271	+35.8
September	18,268	19,415	-5.9	2,021	2,424	-16.6
9 Months	182,377	182,479	-0.1	12,847	12,774	+0.6
October	19,232	19,725	-2.5	3,599	3,711	-3.0
November		16,603			2,032	
December		15,964			1,187	
YEAR-END		234,771			19,704	

(a) Includes Direct Vent Wall & Direct Vent Central Furnaces.
(r) Revised

GAS UNIT HEATERS AND DUCT FURNACES

	PROPELLER FAN TYPE UNIT HEATERS			BLOWER TYPE UNIT HEATERS			DUCT FURNACES		
MONTH	**1988**	**1987**	**%Chg.**	**1988**	**1987**	**%Chg.**	**1988**	**1987**	**%Chg**
January	13,557	10,199	+32.9	884	885	-0.1	1,638	1,589	+3.1
February	11,221	11,177	+0.4	831	793	+4.8	1,774	1,758	+0.9
March	6,652	10,998	-39.5	628	1,027	-38.9	1,028	1,602	-35.8
3 Months	31,430	32,374	-2.9	2,343	2,705	-13.4	4,440	4,949	-10.3
April	5,794	8,768	-33.9	566	630	-10.2	1,092	1,146	-4.7
May	5,608	10,370	-45.9	696	611	+13.9	1,325	1,005	+31.8
June	11,844	12,715	-6.9	573	831	-31.0	982	1,364	-28.0
6 Months	54,676	64,227	-14.9	4,178	4,777	-12.5	7,839	8,464	-7.4
July	10,289	8,447	+21.8	581	473	+22.8	631	1,034	-39.0
August	15,834	14,002	+13.1	1,063	872	+21.9	1,306	1,355	-3.6
September	19,789	18,836	+5.1	1,124	1,317	-14.7	1,635	1,792	-8.8
9 Months	100,588	105,512	-4.7	6,946	7,439	-6.6	11,411	12,645	-9.8
October	16,909	16,232	+4.2	1,171	1,091	+7.3	1,879	1,742	+7.9
November		17,304			1,051			2,281	
December		14,037			1,374			1,961	
YEAR-END		153,085			10,955			18,629	

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STATISTICAL HIGHLIGHTS

GAS APPLIANCE MANUFACTURERS ASSOCIATION, INC.
1901 North Moore Street • Arlington, Va. 22209 • 703/525-9565

STATISTICS FOR THE MONTH OF NOVEMBER 1988

A summary of shipments statistics compiled by GAMA from reports by its members. Unless otherwise noted, figures represent total industry factory unit shipments.

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Issued: January 13, 1989

RESIDENTIAL GAS & ELECTRIC STORAGE WATER HEATERS

	GAS WATER HEATER (Excludes Boosters)			ELECTRIC WATER HEATERS (Excludes Boosters)			TOTAL		
MONTH	**1988**	**1987**	**%Chg.**	**1988**	**1987**	**%Chg.**	**1988**	**1987**	**%Chg.**
January	354,840	345,808	+2.6	282,499	286,966	-1.6	637,339	632,774	+0.7
February	320,350	340,019	-5.8	261,891	278,289	-5.9	582,241	618,308	-5.8
March	334,094	351,914	-5.1	283,191	301,311	-6.0	617,285	653,225	-5.5
3 Months	1,009,284	1,037,741	-2.7	827,581	866,566	-4.5	1,836,865	1,904,307	-3.5
April	329,060	353,152	-6.8	266,628	311,318	-14.4	595,688	664,470	-10.4
May	316,767	290,477	+9.1	273,281	263,610	+3.7	590,048	554,087	+6.5
June	332,697	330,285	+0.7	290,034	299,894	-3.3	622,731	630,179	-1.2
6 Months	1,987,808	2,011,655	-1.2	1,657,524	1,741,388	-4.8	3,645,332	3,753,043	-2.9
July	286,758	297,199	-3.5	256,561	276,164	-7.1	543,319	573,363	-5.2
August	289,580	289,836	-0.1	272,941	270,759	+0.8	562,521	560,595	+0.3
September	321,352	311,719	+3.1	272,864	269,658	+1.2	594,216	581,377	+2.2
9 Months	2,885,498	2,910,409	-0.9	2,459,890	2,557,969	-3.8	5,345,388	5,468,378	-2.2
October	380,810	360,606	+5.6	308,139	294,422	+4.7	688,949	655,028	+5.2
November	307,417	310,355	-0.9	259,325	257,772	+0.6	566,742	568,127	-0.2
December		369,314			286,232			655,546	
YEAR-END		3,950,684			3,396,395			7,347,079	

Figures include shipments to mobile home manufacturers.

COMMERCIAL WATER HEATERS

MONTH	GAS COMMERCIAL WATER HEATERS (a) 1988	1987	%Chg.	ELECTRIC COMMERCIAL WATER HEATERS (a) 1988	1987	%Chg.
January	17,740 (r)	18,981	-6.5	1,335	1,446	-7.7
February	16,229 (r)	18,569	-12.6	1,384	1,535	-9.8
March	16,401	17,798	-7.8	1,595	1,568	+1.7
3 Months	50,370	55,348	-9.0	4,314	4,549	-5.2
April	15,641	18,668	-16.2	1,698	1,685	+0.8
May	16,573	19,102	-13.2	1,505	1,550	-2.9
June	19,920	21,199	-6.0	1,857	1,561	+19.0
6 Months	102,504	114,317	-10.3	9,374	9,345	+0.3
July	13,500	15,773	-14.4	1,296	1,416	-8.5
August	N/A	13,019	---	1,674	1,505	+11.2
September	N/A	13,728	---	1,593	1,536	+3.7
9 Months	---	156,837	---	13,937	13,802	+1.0
October	N/A	14,200	---	1,694	1,568	+8.0
November	N/A	21,053	---	1,609	1,415	+13.7
December		19,376			1,576	
YEAR-END		211,466			18,361	

(a) Includes integral tank type and copper tube or coil type commercial gas water heaters and gas swimming pool heater.
(b)Excludes gas swimming pool heaters.
(r) Revised

CENTRAL HEATING FURNACES

	GAS WARM AIR FURNACES			OIL WARM AIR FURNACES			ELECTRIC WARM AIR FURNACES		
MONTH	**1988**	**1987**	**%Chg.**	**1988**	**1987**	**%Chg.**	**1988**	**1987**	**%Chg**
January	157,210	168,355	-6.6	15,095	16,195	-6.8	27,685	31,385	-11.8
February	134,270	152,735	-12.1	12,790	13,510	-5.3	24,050	30,740	-21.8
March	147,965	148,845	-0.6	11,910	11,845	+0.5	24,565	39,010	-37.0
3 Months	439,445	469,935	-6.5	39,795	41,550	-4.2	76,300	101,135	-24.6
April	124,910	137,595	-9.2	7,755	10,870	-28.7	20,885	37,115	-43.7
May	118,490	118,350	+0.1	8,460	8,635	-2.0	29,575	33,435	-11.5
June	138,545	139,820	-0.9	10,640	10,540	+0.9	30,890	31,965	-3.4
6 Months	821,390	865,700	-5.1	66,650	71,595	-6.9	157,650	203,650	-22.6
July	163,550	156,660	+4.4	14,890	12,380	+20.3	27,150	30,100	-9.8
August	200,730	203,020	-1.1	22,565	22,840	-1.2	23,945	33,070	-27.6
September	254,035	234,015	+8.6	32,085	31,830	+0.8	24,680	31,610	-21.9
9 Months	1,439,705	1,459,395	-1.3	136,190	138,645	-1.8	233,425	298,430	-21.8
October	251,855	240,585	+4.7	27,210	25,795	+5.5	23,090	29,100	-20.7
November	223,035	193,665	+15.2	22,785	24,290	-6.2	17,045	23,835	-28.5
December		179,280			17,715			23,690	
YEAR-END		2,072,925			206,445			375,055	

GAS & OIL BOILERS

MONTH	GAS BOILERS 1988	GAS BOILERS 1987	GAS BOILERS %Chg.	OIL BOILERS 1988	OIL BOILERS 1987	OIL BOILERS %Chg.
January	16,694 (r)	12,578	+32.7	11,848 (r)	9,227	+28.4
February	11,102 (r)	12,323	-9.9	6,030 (r)	8,337	-27.7
March	12,017 (r)	11,707	+2.6	9,677 (r)	9,306	+4.0
3 Months	39,813	36,608	+8.8	27,555	26,870	+2.5
April	6,834	8,348	-18.1	6,525	7,002	-6.8
May	9,974	9,733	+2.5	6,728 (r)	7,897	-14.8
June	15,140	14,380	+5.3	11,472	10,778	+6.4
6 Months	71,761	69,069	+3.9	52,280	52,547	-0.5
July	14,010	12,185	+15.0	9,597	9,312	+3.1
August	20,347	17,942	+13.4	14,575	12,530	+16.3
September	28,423	21,968	+29.4	19,053	15,535	+22.6
9 Months	134,541	121,164	+11.0	95,505	89,924	+6.2
October	32,057	28,402	+12.9	20,469	18,123	+12.9
November	25,785	22,541	+14.4	16,235	13,765	+17.9
December		17,555			12,902	
YEAR-END		189,662			134,714	

(r) Revised

GAS RESIDENTIAL WALL FURNACES

MONTH	VENTED WALL FURNACES 1988	VENTED WALL FURNACES 1987	VENTED WALL FURNACES %Chg.	DIRECT VENT SYSTEM WALL FURNACES (a) 1988	DIRECT VENT SYSTEM WALL FURNACES (a) 1987	DIRECT VENT SYSTEM WALL FURNACES (a) %Chg.	TOTAL WALL FURNACES 1988	TOTAL WALL FURNACES 1987	TOTAL WALL FURNACES %Chg
January	9,280	8,200	+13.2	4,400	5,040	-12.7	13,680	13,240	+3.3
February	4,240	7,750	-45.3	2,360	2,960	-20.3	6,600	10,710	-38.4
March	5,850	7,320	-20.1	4,450	5,430	-18.0	10,300	12,750	-19.2
3 Months	19,370	23,270	-16.8	11,210	13,430	-16.5	30,580	36,700	-16.7
April	4,990	4,790	+4.2	3,690	3,090	+19.4	8,680	7,880	+10.2
May	6,480	5,910	+9.6	5,180	3,120	+66.0	11,660	9,030	+29.1
June	8,540	6,890	+23.9	5,830	5,130	+13.6	14,370	12,020	+19.6
6 Months	39,380	40,860	-3.6	25,910	24,770	+4.6	65,290	65,630	-0.5
July	5,770	5,560	+3.8	5,720	3,260	+75.5	11,490	8,820	+30.3
August	8,880	8,410	+5.6	4,610	4,060	+13.5	13,490	12,470	+8.2
September	16,050	10,320	+55.5	8,090	6,280	+28.8	24,140	16,600	+45.4
9 Months	70,080	65,150	+7.6	44,330	38,370	+15.5	114,410	103,520	+10.5
October	12,670	14,040	-9.8	7,480	8,390	-10.8	20,150	22,430	-10.2
November	12,030	13,230	-9.1	7,210	7,310	-1.4	19,240	20,540	-6.3
December		13,320			6,730			20,050	
YEAR-END		105,740			60,800			166,540	

(a) Figures exclude shipments of wall furnaces for installation in recreational vehicles.

VENTED & UNVENTED ROOM HEATERS

MONTH	VENTED ROOM HEATERS 1988	1987	%Chg.	UNVENTED ROOM HEATERS 1988	1987	%Chg.
January	3,613	5,964	-39.4	10,321	5,355	+92.7
February	2,173	3,216	-32.4	3,653	8,843	-58.7
March	4,824	5,192	-7.1	6,159	4,845	+27.1
3 Months	10,610	14,372	-26.2	20,133	19,043	+5.7
April	4,534	3,938	+15.1	12,133	5,070	—
May	6,227	5,011	+24.3	17,220	15,643	+10.1
June	9,757	7,180	+35.9	21,356	10,867	+96.5
6 Months	31,128	30,501	+2.1	70,842	50,623	+39.9
July	7,654	6,778	+12.9	16,271	22,498	-27.7
August	8,618	10,124	-14.9	15,131	17,888	-15.4
September	11,849	10,854	+9.2	24,744	19,156	+29.2
9 Months	59,249	58,257	+1.7	126,988	110,165	+15.3
October	15,028	16,227	-7.4	32,609	27,423	+18.9
November	10,432	10,611	-1.7	20,476	25,263	-18.9
December		5,469			14,254	
YEAR-END		90,564			177,105	

OTHER HEATING EQUIPMENT

MONTH	GAS RECREATIONAL VEHICLE HEATING SYSTEMS (a)			GAS FLOOR FURNACES		
	1988	1987	%Chg.	1988	1987	%Chg.
January	17,578 (r)	19,463	-9.7	1,217	1,046	+16.3
February	18,998	19,121	-0.6	930	1,226	-24.1
March	24,693	23,991	+2.9	1,178	1,594	-26.1
3 Months	61,269	62,575	-2.1	3,325	3,866	-14.0
April	22,058	22,769	-3.1	1,076	1,283	-16.1
May	21,963	21,594	+1.7	1,592	1,716	-7.2
June	21,133	18,863	+12.0	2,092	1,122	+86.5
6 Months	126,423	125,801	+0.5	8,085	7,987	+1.2
July	18,602	18,540	+0.3	1,015	1,092	-7.1
August	19,384	18,723	+3.5	1,726	1,271	+35.8
September	18,268	19,415	-5.9	2,021	2,424	-16.6
9 Months	182,377	182,479	-0.1	12,847	12,774	+0.6
October	19,232	19,725	-2.5	3,599	3,711	-3.0
November	18,391	16,603	+10.8	1,734	2,032	-14.7
December		15,964			1,187	
YEAR-END		234,771			19,704	

(a) Includes Direct Vent Wall & Direct Vent Central Furnaces.
(r) Revised

GAS UNIT HEATERS AND DUCT FURNACES

MONTH	PROPELLER FAN TYPE UNIT HEATERS			BLOWER TYPE UNIT HEATERS			DUCT FURNACES		
	1988	1987	%Chg.	1988	1987	%Chg.	1988	1987	%Chg
January	13,557	10,199	+32.9	884	885	-0.1	1,638	1,589	+3.1
February	11,221	11,177	+0.4	831	793	+4.8	1,774	1,758	+0.9
March	6,652	10,998	-39.5	628	1,027	-38.9	1,028	1,602	-35.8
3 Months	31,430	32,374	-2.9	2,343	2,705	-13.4	4,440	4,949	-10.3
April	5,794	8,768	-33.9	566	630	-10.2	1,092	1,146	-4.7
May	5,608	10,370	-45.9	696	611	+13.9	1,325	1,005	+31.8
June	11,844	12,715	-6.9	573	831	-31.0	982	1,364	-28.0
6 Months	54,676	64,227	-14.9	4,178	4,777	-12.5	7,839	8,464	-7.4
July	10,289	8,447	+21.8	581	473	+22.8	631	1,034	-39.0
August	15,834	14,002	+13.1	1,063	872	+21.9	1,306	1,355	-3.6
September	19,789	18,836	+5.1	1,124	1,317	-14.7	1,635	1,792	-8.8
9 Months	100,588	105,512	-4.7	6,946	7,439	-6.6	11,411	12,645	-9.8
October	16,909	16,232	+4.2	1,171	1,091	+7.3	1,879	1,742	+7.9
November	19,643	17,304	+13.5	1,170	1,051	+11.3	2,298	2,281	+0.7
December		14,037			1,374			1,961	
YEAR-END		153,085			10,955			18,629	

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STATISTICAL HIGHLIGHTS

GAS APPLIANCE MANUFACTURERS ASSOCIATION, INC.
1901 North Moore Street • Arlington, Va. 22209 • 703/525-9565

STATISTICS FOR THE MONTH OF DECEMBER 1988

A summary of shipments statistics compiled by GAMA from reports by its members. Unless otherwise noted, figures represent total industry factory unit shipments.

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	EQUIPMENT FOR RECREATIONAL VEHICLES
8	Gas Heating Equipment
9	**GAS UNIT HEATERS and DUCT FURNACES**

Issued: February 23, 1989

RESIDENTIAL GAS & ELECTRIC STORAGE WATER HEATERS

	GAS WATER HEATER (Excludes Boosters)			ELECTRIC WATER HEATERS (Excludes Boosters)			TOTAL		
MONTH	**1988**	**1987**	**%Chg.**	**1988**	**1987**	**%Chg.**	**1988**	**1987**	**%Chg.**
January	354,840	345,808	+2.6	282,499	286,966	-1.6	637,339	632,774	+0.7
February	320,350	340,019	-5.8	261,891	278,289	-5.9	582,241	618,308	-5.8
March	334,094	351,914	-5.1	283,191	301,311	-6.0	617,285	653,225	-5.5
3 Months	1,009,284	1,037,741	-2.7	827,581	866,566	-4.5	1,836,865	1,904,307	-3.5
April	329,060	353,152	-6.8	266,628	311,318	-14.4	595,688	664,470	-10.4
May	316,767	290,477	+9.1	273,281	263,610	+3.7	590,048	554,087	+6.5
June	332,697	330,285	+0.7	290,034	299,894	-3.3	622,731	630,179	-1.2
6 Months	1,987,808	2,011,655	-1.2	1,657,524	1,741,388	-4.8	3,645,332	3,753,043	-2.9
July	286,758	297,199	-3.5	256,561	276,164	-7.1	543,319	573,363	-5.2
August	289,580	289,836	-0.1	272,941	270,759	+0.8	562,521	560,595	+0.3
September	321,352	311,719	+3.1	272,864	269,658	+1.2	594,216	581,377	+2.2
9 Months	2,885,498	2,910,409	-0.9	2,459,890	2,557,969	-3.8	5,345,388	5,468,378	-2.2
October	380,810	360,606	+5.6	308,139	294,422	+4.7	688,949	655,028	+5.2
November	307,417	310,355	-0.9	259,325	257,772	+0.6	566,742	568,127	-0.2
December	382,744	369,314	+3.6	306,136	286,232	+7.0	688,880	655,546	+5.1
YEAR-END	3,956,469	3,950,684	+0.1	3,333,490	3,396,395	-1.9	7,289,959	7,347,079	-0.8

gures include shipments to mobile home manufacturers.

COMMERCIAL WATER HEATERS

MONTH	GAS COMMERCIAL WATER HEATERS (a) 1988	1987	%Chg.	ELECTRIC COMMERCIAL WATER HEATERS (a) 1988	1987	%Chg.
January	17,740 (r)	18,981	-6.5	1,335	1,446	-7.7
February	16,229 (r)	18,569	-12.6	1,384	1,535	-9.8
March	16,401	17,798	-7.8	1,595	1,568	+1.7
3 Months	50,370	55,348	-9.0	4,314	4,549	-5.2
April	15,641	18,668	-16.2	1,698	1,685	+0.8
May	16,573	19,102	-13.2	1,505	1,550	-2.9
June	19,920	21,199	-6.0	1,857	1,561	+19.0
6 Months	102,504	114,317	-10.3	9,374	9,345	+0.3
July	13,500	15,773	-14.4	1,296	1,416	-8.5
August	N/A	13,019	---	1,674	1,505	+11.2
September	N/A	13,728	---	1,593	1,536	+3.7
9 Months	---	156,837	---	13,937	13,802	+1.0
October	N/A	14,200	---	1,694	1,568	+8.0
November	N/A	21,053	---	1,609	1,415	+13.7
December	N/A	19,376	---	1,755	1,576	+11.4
YEAR-END	N/A	211,466	---	18,995	18,361	+3.5

(a) Includes integral tank type and copper tube or coil type commercial gas water heaters and gas swimming pool heater.
(b)Excludes gas swimming pool heaters.
(r) Revised

CENTRAL HEATING FURNACES

	GAS WARM AIR FURNACES			OIL WARM AIR FURNACES			ELECTRIC WARM AIR FURNACES		
MONTH	**1988**	**1987**	**%Chg.**	**1988**	**1987**	**%Chg.**	**1988**	**1987**	**%Chg**
January	157,210	168,355	-6.6	15,095	16,195	-6.8	27,685	31,385	-11.8
February	134,270	152,735	-12.1	12,790	13,510	-5.3	24,050	30,740	-21.8
March	147,965	148,845	-0.6	11,910	11,845	+0.5	24,565	39,010	-37.0
3 Months	439,445	469,935	-6.5	39,795	41,550	-4.2	76,300	101,135	-24.6
April	124,910	137,595	-9.2	7,755	10,870	-28.7	20,885	37,115	-43.7
May	118,490	118,350	+0.1	8,460	8,635	-2.0	29,575	33,435	-11.5
June	138,545	139,820	-0.9	10,640	10,540	+0.9	30,890	31,965	-3.4
6 Months	821,390	865,700	-5.1	66,650	71,595	-6.9	157,650	203,650	-22.6
July	163,550	156,660	+4.4	14,890	12,380	+20.3	27,150	30,100	-9.8
August	200,730	203,020	-1.1	22,565	22,840	-1.2	23,945	33,070	-27.6
September	254,035	234,015	+8.6	32,085	31,830	+0.8	24,680	31,610	-21.9
9 Months	1,439,705	1,459,395	-1.3	136,190	138,645	-1.8	233,425	298,430	-21.8
October	251,855	240,585	+4.7	27,210	25,795	+5.5	23,090	29,100	-20.7
November	223,035	193,665	+15.2	22,785	24,290	-6.2	17,045	23,835	-28.5
December	177,570	179,280	-1.0	17,600	17,715	-0.6	19,535	23,690	-17.5
YEAR-END	2,092,165	2,072,925	+0.9	203,785	206,445	-1.3	293,095	375,055	-21.9

GAS & OIL BOILERS

MONTH	GAS BOILERS 1988	GAS BOILERS 1987	GAS BOILERS %Chg.	OIL BOILERS 1988	OIL BOILERS 1987	OIL BOILERS %Chg.
January	16,694 (r)	12,578	+32.7	11,848 (r)	9,227	+28.4
February	11,102 (r)	12,323	-9.9	6,030 (r)	8,337	-27.7
March	12,017 (r)	11,707	+2.6	9,677 (r)	9,306	+4.0
3 Months	39,813	36,608	+8.8	27,555	26,870	+2.5
April	6,834	8,348	-18.1	6,525	7,002	-6.8
May	9,974	9,733	+2.5	6,728 (r)	7,897	-14.8
June	15,140	14,380	+5.3	11,472	10,778	+6.4
6 Months	71,761	69,069	+3.9	52,280	52,547	-0.5
July	14,010	12,185	+15.0	9,597	9,312	+3.1
August	20,347	17,942	+13.4	14,575	12,530	+16.3
September	28,423	21,968	+29.4	19,053	15,535	+22.6
9 Months	134,541	121,164	+11.0	95,505	89,924	+6.2
October	32,057	28,402	+12.9	20,469	18,123	+12.9
November	25,785	22,541	+14.4	16,235	13,765	+17.9
December	18,937	17,555	+7.9	11,995	12,902	-7.0
YEAR-END	211,320	189,662	+11.4	144,204	134,714	+7.0

(r) Revised

GAS RESIDENTIAL WALL FURNACES

MONTH	VENTED WALL FURNACES 1988	1987	%Chg.	DIRECT VENT SYSTEM WALL FURNACES (a) 1988	1987	%Chg.	TOTAL WALL FURNACES 1988	1987	%Chg
January	9,280	8,200	+13.2	4,400	5,040	-12.7	13,680	13,240	+3.3
February	4,240	7,750	-45.3	2,360	2,960	-20.3	6,600	10,710	-38.4
March	5,850	7,320	-20.1	4,450	5,430	-18.0	10,300	12,750	-19.2
3 Months	19,370	23,270	-16.8	11,210	13,430	-16.5	30,580	36,700	-16.7
April	4,990	4,790	+4.2	3,690	3,090	+19.4	8,680	7,880	+10.2
May	6,480	5,910	+9.6	5,180	3,120	+66.0	11,660	9,030	+29.1
June	8,540	6,890	+23.9	5,830	5,130	+13.6	14,370	12,020	+19.6
6 Months	39,380	40,860	-3.6	25,910	24,770	+4.6	65,290	65,630	-0.5
July	5,770	5,560	+3.8	5,720	3,260	+75.5	11,490	8,820	+30.3
August	8,880	8,410	+5.6	4,610	4,060	+13.5	13,490	12,470	+8.2
September	16,050	10,320	+55.5	8,090	6,280	+28.8	24,140	16,600	+45.4
9 Months	70,080	65,150	+7.6	44,330	38,370	+15.5	114,410	103,520	+10.5
October	12,670	14,040	-9.8	7,480	8,390	-10.8	20,150	22,430	-10.2
November	12,030	13,230	-9.1	7,210	7,310	-1.4	19,240	20,540	-6.3
December	13,090	13,320	-1.7	6,310	6,730	-6.2	19,400	20,050	-3.2
YEAR-END	107,870	105,740	+2.0	65,330	60,800	+7.5	173,200	166,540	+4.0

(a) Figures exclude shipments of wall furnaces for installation in recreational vehicles.

VENTED & UNVENTED ROOM HEATERS

MONTH	VENTED ROOM HEATERS 1988	1987	%Chg.	UNVENTED ROOM HEATERS 1988	1987	%Chg.
January	3,613	5,964	-39.4	10,321	5,355	+92.7
February	2,173	3,216	-32.4	3,653	8,843	-58.7
March	4,824	5,192	-7.1	6,159	4,845	+27.1
3 Months	10,610	14,372	-26.2	20,133	19,043	+5.7
April	4,534	3,938	+15.1	12,133	5,070	—
May	6,227	5,011	+24.3	17,220	15,643	+10.1
June	9,757	7,180	+35.9	21,356	10,867	+96.5
6 Months	31,128	30,501	+2.1	70,842	50,623	+39.9
July	7,654	6,778	+12.9	16,271	22,498	-27.7
August	8,618	10,124	-14.9	15,131	17,888	-15.4
September	11,849	10,854	+9.2	24,744	19,156	+29.2
9 Months	59,249	58,257	+1.7	126,988	110,165	+15.3
October	15,028	16,227	-7.4	32,609	27,423	+18.9
November	10,432	10,611	-1.7	20,476	25,263	-18.9
December	6,717	5,469	+22.8	22,088	14,254	+55.0
YEAR-END	91,426	90,564	+1.0	202,161	177,105	+14.1

OTHER HEATING EQUIPMENT

MONTH	GAS RECREATIONAL VEHICLE HEATING SYSTEMS (a)			GAS FLOOR FURNACES		
	1988	1987	%Chg.	1988	1987	%Chg.
January	17,578 (r)	19,463	-9.7	1,217	1,046	+16.3
February	18,998	19,121	-0.6	930	1,226	-24.1
March	24,693	23,991	+2.9	1,178	1,594	-26.1
3 Months	61,269	62,575	-2.1	3,325	3,866	-14.0
April	22,058	22,769	-3.1	1,076	1,283	-16.1
May	21,963	21,594	+1.7	1,592	1,716	-7.2
June	21,133	18,863	+12.0	2,092	1,122	+86.5
6 Months	126,423	125,801	+0.5	8,085	7,987	+1.2
July	18,602	18,540	+0.3	1,015	1,092	-7.1
August	19,384	18,723	+3.5	1,726	1,271	+35.8
September	18,268	19,415	-5.9	2,021	2,424	-16.6
9 Months	182,377	182,479	-0.1	12,847	12,774	+0.6
October	19,232	19,725	-2.5	3,599	3,711	-3.0
November	18,391	16,603	+10.8	1,734	2,032	-14.7
December	15,518	15,964	-2.8	2,120	1,187	+78.6
YEAR-END	235,518	234,771	+0.3	20,300	19,704	+3.0

(a) Includes Direct Vent Wall & Direct Vent Central Furnaces.
(r) Revised

GAS UNIT HEATERS AND DUCT FURNACES

MONTH	PROPELLER FAN TYPE UNIT HEATERS			BLOWER TYPE UNIT HEATERS			DUCT FURNACES		
	1988	1987	%Chg.	1988	1987	%Chg.	1988	1987	%Chg
January	13,557	10,199	+32.9	884	885	-0.1	1,638	1,589	+3.1
February	11,221	11,177	+0.4	831	793	+4.8	1,774	1,758	+0.9
March	6,652	10,998	-39.5	628	1,027	-38.9	1,028	1,602	-35.8
3 Months	31,430	32,374	-2.9	2,343	2,705	-13.4	4,440	4,949	-10.3
April	5,794	8,768	-33.9	566	630	-10.2	1,092	1,146	-4.7
May	5,608	10,370	-45.9	696	611	+13.9	1,325	1,005	+31.8
June	11,844	12,715	-6.9	573	831	-31.0	982	1,364	-28.0
6 Months	54,676	64,227	-14.9	4,178	4,777	-12.5	7,839	8,464	-7.4
July	10,289	8,447	+21.8	581	473	+22.8	631	1,034	-39.0
August	15,834	14,002	+13.1	1,063	872	+21.9	1,306	1,355	-3.6
September	19,789	18,836	+5.1	1,124	1,317	-14.7	1,635	1,792	-8.8
9 Months	100,588	105,512	-4.7	6,946	7,439	-6.6	11,411	12,645	-9.8
October	16,909	16,232	+4.2	1,171	1,091	+7.3	1,879	1,742	+7.9
November	19,643	17,304	+13.5	1,170	1,051	+11.3	2,298	2,281	+0.7
December	21,989	14,037	+56.7	1,189	1,374	-13.5	2,414	1,961	+23.1
YEAR-END	159,129	153,085	+3.9	10,476	10,955	-4.4	18,002	18,629	-3.4

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STATISTICAL HIGHLIGHTS

GAS APPLIANCE MANUFACTURERS ASSOCIATION, INC.
1901 North Moore Street • Arlington, Va. 22209 • 703/525-9565

STATISTICS FOR THE MONTH OF JANUARY 1989

A summary of shipments statistics compiled by GAMA from reports by its members. Unless otherwise noted, figures represent total industry factory unit shipments.

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Issued: March 15, 1989

RESIDENTIAL GAS & ELECTRIC STORAGE WATER HEATERS

	GAS WATER HEATER (Excludes Boosters)			ELECTRIC WATER HEATERS (Excludes Boosters)			TOTAL		
MONTH	1989	1988	%Chg.	1989	1988	%Chg.	1989	1988	%Chg.
January	336,682	354,840	-5.1	270,147	282,499	-4.4	606,829	637,339	-4.8
February		320,350			261,891			582,241	
March		334,094			283,191			617,285	
3 Months		1,009,284			827,581			1,836,865	
April		329,060			266,628			595,688	
May		316,767			273,281			590,048	
June		332,697			290,034			622,731	
6 Months		1,987,808			1,657,524			3,645,332	
July		286,758			256,561			543,319	
August		289,580			272,941			562,521	
September		321,352			272,864			594,216	
9 Months		2,885,498			2,459,890			5,345,388	
October		380,810			308,139			688,949	
November		307,417			259,325			566,742	
December		382,744			306,136			688,880	
YEAR-END		3,956,469			3,333,490			7,289,959	

Figures include shipments to mobile home manufacturers.

COMMERCIAL WATER HEATERS

MONTH	GAS COMMERCIAL WATER HEATERS (a) 1989	1988	%Chg.	ELECTRIC COMMERCIAL WATER HEATERS 1989	1988	%Chg.
January	9,111	9,003	+1.2	1,684	1,335	+26.1
February		8,967			1,384	
March		10,630			1,595	
3 Months		28,600			4,314	
April		9,043			1,698	
May		8,808			1,505	
June		9,748			1,857	
6 Months		56,199			9,374	
July		7,641			1,296	
August		7,872			1,674	
September		8,662			1,593	
9 Months		80,374			13,937	
October		9,399			1,694	
November		8,700			1,609	
December		10,209			1,755	
YEAR-END		108,682			18,995	

(a) Includes integral tank type and copper tube or coil type commercial gas water heaters.

CENTRAL HEATING FURNACES

	GAS WARM AIR FURNACES			OIL WARM AIR FURNACES			ELECTRIC WARM AIR FURNACES		
MONTH	**1989**	**1988**	**%Chg.**	**1989**	**1988**	**%Chg.**	**1989**	**1988**	**%Chg**
January	178,465	157,210	+13.5	14,775	15,095	-2.1	22,655	27,685	-18.2
February		134,270			12,790			24,050	
March		147,965			11,910			24,565	
3 Months		439,445			39,795			76,300	
April		124,910			7,755			20,885	
May		118,490			8,460			29,575	
June		138,545			10,640			30,890	
6 Months		821,390			66,650			157,650	
July		163,550			14,890			27,150	
August		200,730			22,565			23,945	
September		254,035			32,085			24,680	
9 Months		1,439,705			136,190			233,425	
October		251,855			27,210			23,090	
November		223,035			22,785			17,045	
December		177,570			17,600			19,535	
YEAR-END		2,092,165			203,785			293,095	

GAS & OIL BOILERS

MONTH	GAS BOILERS 1989	GAS BOILERS 1988	GAS BOILERS %Chg.	OIL BOILERS 1989	OIL BOILERS 1988	OIL BOILERS %Chg.
January	14,149	16,694 (r)	-15.2	8,821	11,848 (r)	-25.5
February		11,102 (r)			6,030 (r)	
March		12,017 (r)			9,677 (r)	
3 Months		39,813			27,555	
April		6,834			6,525	
May		9,974			6,728 (r)	
June		15,140			11,472	
6 Months		71,761			52,280	
July		14,010			9,597	
August		20,347			14,575	
September		28,423			19,053	
9 Months		134,541			95,505	
October		32,057			20,469	
November		25,785			16,235	
December		18,937			11,995	
YEAR-END		211,320			144,204	

(r) Revised

GAS RESIDENTIAL WALL FURNACES

	VENTED WALL FURNACES			DIRECT VENT SYSTEM WALL FURNACES (a)			TOTAL WALL FURNACES		
MONTH	1989	1988	%Chg.	1989	1988	%Chg.	1989	1988	%Chg
January	9,850	9,280	+6.1	6,030	4,400	+37.0	15,880	13,680	+16.1
February		4,240			2,360			6,600	
March		5,850			4,450			10,300	
3 Months		19,370			11,210			30,580	
April		4,990			3,690			8,680	
May		6,480			5,180			11,660	
June		8,540			5,830			14,370	
6 Months		39,380			25,910			65,290	
July		5,770			5,720			11,490	
August		8,880			4,610			13,490	
September		16,050			8,090			24,140	
9 Months		70,080			44,330			114,410	
October		12,670			7,480			20,150	
November		12,030			7,210			19,240	
December		13,090			6,310			19,400	
YEAR-END		107,870			65,330			173,200	

(a) Figures exclude shipments of wall furnaces for installation in recreational vehicles.

VENTED & UNVENTED ROOM HEATERS

MONTH	VENTED ROOM HEATERS 1989	VENTED ROOM HEATERS 1988	VENTED ROOM HEATERS %Chg.	UNVENTED ROOM HEATERS 1989	UNVENTED ROOM HEATERS 1988	UNVENTED ROOM HEATERS %Chg.
January	3,413	3,613	-5.5	7,123	10,321	-31.0
February		2,173			3,653	
March		4,824			6,159	
3 Months		10,610			20,133	
April		4,534			12,133	
May		6,227			17,220	
June		9,757			21,356	
6 Months		31,128			70,842	
July		7,654			16,271	
August		8,618			15,131	
September		11,849			24,744	
9 Months		59,249			126,988	
October		15,028			32,609	
November		10,432			20,476	
December		6,717			22,088	
YEAR-END		91,426			202,161	

OTHER HEATING EQUIPMENT

MONTH	GAS RECREATIONAL VEHICLE HEATING SYSTEMS (a)			GAS FLOOR FURNACES		
	1989	1988	%Chg.	1989	1988	%Chg.
January	19,069	17,578 (r)	+8.5	1,098	1,217	-9.8
February		18,998			930	
March		24,693			1,178	
3 Months		61,269			3,325	
April		22,058			1,076	
May		21,963			1,592	
June		21,133			2,092	
6 Months		126,423			8,085	
July		18,602			1,015	
August		19,384			1,726	
September		18,268			2,021	
9 Months		182,377			12,847	
October		19,232			3,599	
November		18,391			1,734	
December		15,518			2,120	
YEAR-END		235,518			20,300	

(a) Includes Direct Vent Wall & Direct Vent Central Furnaces.
(r) Revised

GAS UNIT HEATERS AND DUCT FURNACES

	PROPELLER FAN TYPE UNIT HEATERS			BLOWER TYPE UNIT HEATERS			DUCT FURNACES		
MONTH	**1989**	**1988**	**%Chg.**	**1989**	**1988**	**%Chg.**	**1989**	**1988**	**%Chg**
January	15,019	13,557	+10.8	937	884	+6.0	2,063	1,638	+25.9
February		11,221			831			1,774	
March		6,652			628			1,028	
3 Months		31,430			2,343			4,440	
April		5,794			566			1,092	
May		5,608			696			1,325	
June		11,844			573			982	
6 Months		54,676			4,178			7,839	
July		10,289			581			631	
August		15,834			1,063			1,306	
September		19,789			1,124			1,635	
9 Months		100,588			6,946			11,411	
October		16,909			1,171			1,879	
November		19,643			1,170			2,298	
December		21,989			1,189			2,414	
YEAR-END		159,129			10,476			18,002	

A5100-4 1/10/89

STATISTICAL HIGHLIGHTS

GAS APPLIANCE MANUFACTURERS ASSOCIATION, INC.
1901 North Moore Street • Arlington, Va. 22209 • 703/525-9565

STATISTICS FOR THE MONTH OF FEBRUARY 1989

A summary of shipments statistics compiled by GAMA from reports by its members. Unless otherwise noted, figures represent total industry factory unit shipments.

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Issued: April 3, 1989

RESIDENTIAL GAS & ELECTRIC STORAGE WATER HEATERS

	GAS WATER HEATER (Excludes Boosters)			ELECTRIC WATER HEATERS (Excludes Boosters)			TOTAL		
MONTH	**1989**	**1988**	**%Chg.**	**1989**	**1988**	**%Chg.**	**1989**	**1988**	**%Chg.**
January	336,682	354,840	-5.1	270,147	282,499	-4.4	606,829	637,339	-4.8
February	327,894	320,350	+2.4	275,663	261,891	+5.3	603,557	582,241	+3.7
March		334,094			283,191			617,285	
3 Months		1,009,284			827,581			1,836,865	
April		329,060			266,628			595,688	
May		316,767			273,281			590,048	
June		332,697			290,034			622,731	
6 Months		1,987,808			1,657,524			3,645,332	
July		286,758			256,561			543,319	
August		289,580			272,941			562,521	
September		321,352			272,864			594,216	
9 Months		2,885,498			2,459,890			5,345,388	
October		380,810			308,139			688,949	
November		307,417			259,325			566,742	
December		382,744			306,136			688,880	
YEAR-END		3,956,469			3,333,490			7,289,959	

Figures include shipments to mobile home manufacturers.

COMMERCIAL WATER HEATERS

MONTH	GAS COMMERCIAL WATER HEATERS (a) 1989	1988	%Chg.	ELECTRIC COMMERCIAL WATER HEATERS 1989	1988	%Chg.
January	9,111	9,003	+1.2	1,684	1,335	+26.1
February	9,053	8,967	+1.0	1,518	1,384	+9.7
March		10,630			1,595	
3 Months		28,600			4,314	
April		9,043			1,698	
May		8,808			1,505	
June		9,748			1,857	
6 Months		56,199			9,374	
July		7,641			1,296	
August		7,872			1,674	
September		8,662			1,593	
9 Months		80,374			13,937	
October		9,399			1,694	
November		8,700			1,609	
December		10,209			1,755	
YEAR-END		108,682			18,995	

(a) Includes integral tank type and copper tube or coil type commercial gas water heaters.

CENTRAL HEATING FURNACES

	GAS WARM AIR FURNACES			OIL WARM AIR FURNACES			ELECTRIC WARM AIR FURNACES		
MONTH	**1989**	**1988**	**%Chg.**	**1989**	**1988**	**%Chg.**	**1989**	**1988**	**%Chg**
January	178,465	157,210	+13.5	14,775	15,095	-2.1	22,655	27,685	-18.2
February	148,075	134,270	+10.3	12,890	12,790	+0.8	23,940	24,050	-0.5
March		147,965			11,910			24,565	
3 Months		439,445			39,795			76,300	
April		124,910			7,755			20,885	
May		118,490			8,460			29,575	
June		138,545			10,640			30,890	
6 Months		821,390			66,650			157,650	
July		163,550			14,890			27,150	
August		200,730			22,565			23,945	
September		254,035			32,085			24,680	
9 Months		1,439,705			136,190			233,425	
October		251,855			27,210			23,090	
November		223,035			22,785			17,045	
December		177,570			17,600			19,535	
YEAR-END		2,092,165			203,785			293,095	

GAS & OIL BOILERS

MONTH	GAS BOILERS 1989	GAS BOILERS 1988	GAS BOILERS %Chg.	OIL BOILERS 1989	OIL BOILERS 1988	OIL BOILERS %Chg.
January	14,149	16,694 (r)	-15.2	8,821	11,848 (r)	-25.5
February	10,698	11,102 (r)	-3.6	7,234	6,030 (r)	+20.0
March		12,017 (r)			9,677 (r)	
3 Months		39,813			27,555	
April		6,834			6,525	
May		9,974			6,728 (r)	
June		15,140			11,472	
6 Months		71,761			52,280	
July		14,010			9,597	
August		20,347			14,575	
September		28,423			19,053	
9 Months		134,541			95,505	
October		32,057			20,469	
November		25,785			16,235	
December		18,937			11,995	
YEAR-END		211,320			144,204	

(r) Revised

GAS RESIDENTIAL WALL FURNACES

	VENTED WALL FURNACES			DIRECT VENT SYSTEM WALL FURNACES (a)			TOTAL WALL FURNACES		
MONTH	**1989**	**1988**	**%Chg.**	**1989**	**1988**	**%Chg.**	**1989**	**1988**	**%Chg**
January	9,850	9,280	+6.1	6,030	4,400	+37.0	15,880	13,680	+16.1
February	6,340	4,240	+49.5	3,180	2,360	+34.7	9,520	6,600	+44.2
March		5,850			4,450			10,300	
3 Months		19,370			11,210			30,580	
April		4,990			3,690			8,680	
May		6,480			5,180			11,660	
June		8,540			5,830			14,370	
6 Months		39,380			25,910			65,290	
July		5,770			5,720			11,490	
August		8,880			4,610			13,490	
September		16,050			8,090			24,140	
9 Months		70,080			44,330			114,410	
October		12,670			7,480			20,150	
November		12,030			7,210			19,240	
December		13,090			6,310			19,400	
YEAR-END		107,870			65,330			173,200	

(a) Figures exclude shipments of wall furnaces for installation in recreational vehicles.

VENTED & UNVENTED ROOM HEATERS

MONTH	VENTED ROOM HEATERS 1989	VENTED ROOM HEATERS 1988	VENTED ROOM HEATERS %Chg.	UNVENTED ROOM HEATERS 1989	UNVENTED ROOM HEATERS 1988	UNVENTED ROOM HEATERS %Chg.
January	3,413	3,613	-5.5	7,123	10,321	-31.0
February	3,286	2,173	+51.2	3,647	3,653	-0.2
March		4,824			6,159	
3 Months		10,610			20,133	
April		4,534			12,133	
May		6,227			17,220	
June		9,757			21,356	
6 Months		31,128			70,842	
July		7,654			16,271	
August		8,618			15,131	
September		11,849			24,744	
9 Months		59,249			126,988	
October		15,028			32,609	
November		10,432			20,476	
December		6,717			22,088	
YEAR-END		91,426			202,161	

OTHER HEATING EQUIPMENT

MONTH	GAS RECREATIONAL VEHICLE HEATING SYSTEMS (a)			GAS FLOOR FURNACES		
	1989	1988	%Chg.	1989	1988	%Chg.
January	19,069	17,578 (r)	+8.5	1,098	1,217	-9.8
February	19,800	18,998	+4.2	693	930	-25.5
March		24,693			1,178	
3 Months		61,269			3,325	
April		22,058			1,076	
May		21,963			1,592	
June		21,133			2,092	
6 Months		126,423			8,085	
July		18,602			1,015	
August		19,384			1,726	
September		18,268			2,021	
9 Months		182,377			12,847	
October		19,232			3,599	
November		18,391			1,734	
December		15,518			2,120	
YEAR-END		235,518			20,300	

(a) Includes Direct Vent Wall & Direct Vent Central Furnaces.
(r) Revised

GAS UNIT HEATERS AND DUCT FURNACES

MONTH	PROPELLER FAN TYPE UNIT HEATERS			BLOWER TYPE UNIT HEATERS			DUCT FURNACES		
	1989	1988	%Chg.	1989	1988	%Chg.	1989	1988	%Chg
January	15,019	13,557	+10.8	937	884	+6.0	2,063	1,638	+25.9
February	12,673	11,221	+12.9	1,133	831	+36.3	1,723	1,774	-2.9
March		6,652			628			1,028	
3 Months		31,430			2,343			4,440	
April		5,794			566			1,092	
May		5,608			696			1,325	
June		11,844			573			982	
6 Months		54,676			4,178			7,839	
July		10,289			581			631	
August		15,834			1,063			1,306	
September		19,789			1,124			1,635	
9 Months		100,588			6,946			11,411	
October		16,909			1,171			1,879	
November		19,643			1,170			2,298	
December		21,989			1,189			2,414	
YEAR-END		159,129			10,476			18,002	

STATISTICAL HIGHLIGHTS

GAS APPLIANCE MANUFACTURERS ASSOCIATION, INC.
1901 North Moore Street • Arlington, Va. 22209 • 703/525-9565

TEN YEAR SUMMARY 1979-1988

TOTAL GAS AND ELECTRIC CUSTOMERS ON DECEMBER 31 OF EACH YEAR AND CALENDAR YEAR UNIT SHIPMENTS OF APPLIANCES

RESIDENTIAL CUSTOMERS

	1988	1987	1986	1985	1984	1983	1982	1981	1980	1979
NAT. GAS(a)	N/A	N/A	46,588,100	45,928,700	45,366,900	44,893,800	44,552,300	44,149,300	43,489,400	42,821,300
ELECTRIC(b)	N/A	N/A	91,597,200	89,819,700	87,939,000	85,842,200	84,371,800	83,304,400	82,153,200	79,620,200

RESIDENTIAL RANGES

GAS										
Free-Standing & Slide-In	N/A	1,935,010	1,739,280	1,610,800	1,535,900	1,390,600	1,216,600	1,311,000	1,332,400	1,542,700
Drop-In	N/A	24,260	28,090	35,200	*	*	*	*	*	*
Over/Under	N/A	87,190	86,910	83,400	90,500	86,400	72,300	90,300	104,400	127,400
Built-In	N/A	96,150	85,650	84,300	105,700	95,700	78,600	94,400	101,700	128,500
TOTAL	2,167,300	2,142,610	1,939,930	1,813,700	1,732,100	1,572,700	1,367,500	1,495,700	1,538,500	1,798,600
ELECTRIC (c)										
Free-Standing	2,556,200	2,690,000	2,717,200	2,564,700	2,491,500	2,188,600	1,617,100	1,826,500	1,975,300	2,243,900
Built-In	635,400	656,700	596,300	572,700	579,500	561,900	407,200	491,500	556,600	755,600
TOTAL	3,191,600	3,346,700	3,313,500	3,137,400	3,071,000	2,750,500	2,024,300	2,318,000	2,531,900	2,999,500
TOTAL GAS & ELEC.	**5,358,900**	**5,489,310**	**5,253,430**	**4,951,100**	**4,803,100**	**4,323,200**	**3,391,800**	**3,813,700**	**4,070,400**	**4,798,100**

RV HEATING SYSTEMS

	1988	1987	1986	1985	1984	1983	1982	1981	1980	1979
Central & Wall Furnaces	235,518	234,711	208,043	201,702	190,470	176,103	109,350	115,671	85,285	142,932

DIRECT HEATING EQUIPMENT

WALL FURN. VENTED										
Natural	92,440	92,630	112,640	N/A	N/A	N/A	79,950	67,850	107,240	109,660
LP	15,430	13,110	15,280	N/A	N/A	N/A	9,630	12,290	17,690	17,610
TOTAL	107,870	105,740	127,920	138,710	123,230	119,880	89,580	80,140	124,930	127,270
DIRECT VENT										
Natural	36,250	33,770	40,920	N/A	N/A	34,430	31,290	33,900	55,540	58,730
LP	29,080	27,030	28,090	N/A	N/A	14,000	11,770	13,120	18,920	21,000
TOTAL	65,330	60,800	69,010	67,720	56,080	48,430	43,060	47,020	74,460	79,730
FLOOR FURN	20,300	19,704	21,874	22,085	20,825	18,775	18,746	10,552	12,240	15,560
ROOM HEATERS										
Vented	91,426	90,564	92,475	84,612	77,902	63,542	60,549	76,523	124,305	127,201
Unvented	202,161	177,105	188,936	198,357	177,940	139,280	121,155	52,951	89,816	58,497
ALL OTHER (Includes Gas Logs & Fireplace Inserts)	N/A	N/A	N/A	N/A	N/A	N/A	N/A	3,560	7,812	6,972
TOTAL DIRECT HEATING EQUIP.	487,087	453,913	500,215	511,484	455,977	389,907	333,090	270,746	433,563	415,230

OUTDOOR LIVING

	1988	1987	1986	1985	1984	1983	1982	1981	1980	1979
GAS GRILLS	N/A	N/A	**2,710,300	**2,788,300	2,637,190	2,147,885	1,765,960	1,526,700	1,235,000	1,310,000

WATER HEATERS

GAS-FIRED										
Natural	3,674,255	3,672,746	3,485,304	3,302,898	3,281,086	2,953,375	2,771,349	2,461,54[illegible]	2,498,475	2,548,175
LP	282,214	277,938	243,475	226,033	220,967	218,692	269,598	323,663	319,788	339,100
TOTAL	3,956,469	3,950,684	3,728,779	3,528,931	3,502,053	3,172,067	3,040,947	2,785,207	2,818,263	2,887,275
ELECTRIC	3,333,490	3,396,395	3,389,150	3,452,283	3,480,845	3,131,017	2,716,219	2,463,270	2,451,021	2,661,809
OIL-FIRED	N/A	N/A	39,300	36,200	34,000	32,600	28,900	26,200	29,200	44,100

CENTRAL HEATING EQUIPMENT

GAS-FIRED										
Furnaces (Forced-Air)	2,092,165	2,072,925	2,104,805	1,822,295	1,849,200	1,661,800	1,155,600	1,416,700	1,445,700	1,862,600
Boilers (Steam & Hot Water)	211,320	189,662	196,022	192,455	179,870	147,700	147,600	161,600	293,300	221,300
ELECTRIC										
Furnaces (Elec. Resistance)	293,095	375,055	382,590	366,020	354,435	339,950	177,100	234,500	227,400	283,200
Boilers	341	469	512	N/A	634	663	808	1,735	2,660	2,724
OIL-FIRED										
Furnaces	203,785	206,445	200,540	147,260	148,025	127,305	103,500	81,200	63,700	157,800
Boilers	144,204	134,714	125,606	103,527	90,586	82,622	72,822	67,492	51,672	85,059
TOTAL CENTRAL HEATING EQUIPMENT	2,944,910	2,979,270	3,010,075	2,631,557	2,622,750	2,360,040	1,657,430	1,963,227	2,084,432	2,612,683

CLOTHES DRYERS

	1988	1987	1986	1985	1984	1983	1982	1981	1980	1979
GAS (e)	1,046,800	1,036,900	935,900	833,500	753,600	672,000	584,200	639,000	682,200	768,000
ELECTRIC (e)	3,553,900	3,599,200	3,308,700	3,080,900	2,930,800	2,621,700	2,142,900	2,331,600	2,496,700	2,783,400
TOTAL	4,600,700	4,636,100	4,244,600	3,914,400	3,684,400	3,293,700	2,727,100	2,970,600	3,178,900	3,551,400

COMMERCIAL EQUIPMENT

WATER HEATERS GAS-FIRED (Including Swimming Pool Heaters)	N/A	211,466	198,304	191,848	199,671	175,998	170,018	212,474	219,242	254,314
ELECTRIC	18,995	18,361	18,174	19,240	20,845	18,357	18,011	13,750	16,384	18,720
GAS UNIT HEATERS	169,605	164,040	164,863	184,188	164,743	122,020	126,600	142,660	176,840	186,180
GAS DUCT FURNACES	18,002	18,629	20,108	20,870	19,703	16,912	17,200	17,675	20,850	18,430

(a) American Gas Association
(b) Edison Electric Institute
(c) AHAM, High Oven Ranges included with Free-Standing Ranges, Drop-In Ranges included with Built-Ins
(d) Bureau of the Census
(e) AHAM, Excludes combination washer-dryers
* Drop-In units are included with Free-Standing & Slide-In units
** Fiscal year ending August
N/A Not Available

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STATISTICAL HIGHLIGHTS

GAS APPLIANCE MANUFACTURERS ASSOCIATION, INC.
1901 North Moore Street • Arlington, Va. 22209 • 703 525 9565

STATISTICS FOR THE MONTH OF MARCH 1989

A summary of shipment statistics compiled by GAMA from reports by its members. Unless otherwise noted, figures represent total industry factory shipments

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	EQUIPMENT FOR RECREATIONALVEHICLES
8	Gas Heating Equipment
9	**GAS UNIT HEATERS and DUCT FURNACES**

Issued: May 10, 1989

RESIDENTIAL GAS & ELECTRIC STORAGE WATER HEATERS

	GAS WATER HEATER (Excludes Boosters)			ELECTRIC WATER HEATERS (Excludes Boosters)			TOTAL		
MONTH	**1989**	**1988**	**%Chg.**	**1989**	**1988**	**%Chg.**	**1989**	**1988**	**%Chg.**
January	336,682	354,840	-5.1	270,147	282,499	-4.4	606,829	637,339	-4.8
February	327,894	320,350	+2.4	275,663	261,891	+5.3	603,557	582,241	+3.7
March	375,171	334,094	+12.3	294,516	283,191	+4.0	669,687	617,285	+8.5
3 Months	1,039,747	1,009,284	+3.0	840,326	827,581	+1.5	1,880,073	1,836,865	+2.4
April		329,060			266,628			595,688	
May		316,767			273,281			590,048	
June		332,697			290,034			622,731	
6 Months		1,987,808			1,657,524			3,645,332	
July		286,758			256,561			543,319	
August		289,580			272,941			562,521	
September		321,352			272,864			594,216	
9 Months		2,885,498			2,459,890			5,345,388	
October		380,810			308,139			688,949	
November		307,417			259,325			566,742	
December		382,744			306,136			688,880	
YEAR-END		3,956,469			3,333,490			7,289,959	

Figures include shipments to mobile home manufacturers.

COMMERCIAL WATER HEATERS

MONTH	GAS COMMERCIAL WATER HEATERS (a) 1989	1988	%Chg.	ELECTRIC COMMERCIAL WATER HEATERS 1989	1988	%Chg.
January	9,111	9,003	+1.2	1,684	1,335	+26.1
February	9,053	8,967	+1.0	1,518	1,384	+9.7
March	10,704	10,630	+0.7	2,711	1,595	+70.0
3 Months	28,868	28,600	+0.9	5,913	4,314	+37.1
April		9,043			1,698	
May		8,808			1,505	
June		9,748			1,857	
6 Months		56,199			9,374	
July		7,641			1,296	
August		7,872			1,674	
September		8,662			1,593	
9 Months		80,374			13,937	
October		9,399			1,694	
November		8,700			1,609	
December		10,209			1,755	
YEAR-END		108,682			18,995	

(a) Includes integral tank type and copper tube or coil type commercial gas water heaters.

CENTRAL HEATING FURNACES

	GAS WARM AIR FURNACES			OIL WARM AIR FURNACES			ELECTRIC WARM AIR FURNACES		
MONTH	**1989**	**1988**	**%Chg.**	**1989**	**1988**	**%Chg.**	**1989**	**1988**	**%Chg**
January	178,465	157,210	+13.5	14,775	15,095	-2.1	22,655	27,685	-18.2
February	148,075	134,270	+10.3	12,890	12,790	+0.8	23,940	24,050	-0.5
March	135,190	147,965	-8.6	9,785	11,910	-17.8	28,252	24,565	+15.0
3 Months	461,730	439,445	+5.1	37,450	39,795	-5.9	74,847	76,300	-1.9
April		124,910			7,755			20,885	
May		118,490			8,460			29,575	
June		138,545			10,640			30,890	
6 Months		1,283,120			66,650			157,650	
July		163,550			14,890			27,150	
August		200,730			22,565			23,945	
September		254,035			32,085			24,680	
9 Months		1,439,705			136,190			233,425	
October		251,855			27,210			23,090	
November		223,035			22,785			17,045	
December		177,570			17,600			19,535	
YEAR-END		2,092,165			203,785			293,095	

GAS & OIL BOILERS

MONTH	GAS BOILERS 1989	GAS BOILERS 1988	GAS BOILERS %Chg.	OIL BOILERS 1989	OIL BOILERS 1988	OIL BOILERS %Chg.
January	14,149	16,694 (r)	-15.2	8,821	11,848 (r)	-25.5
February	10,698	11,102 (r)	-3.6	7,234	6,030 (r)	+20.0
March	11,310	12,017 (r)	-5.9	9,390	9,677 (r)	-3.0
3 Months	36,157	39,813	-9.2	25,445	27,555	-7.7
April		6,834			6,525	
May		9,974			6,728 (r)	
June		15,140			11,472	
6 Months		71,761			52,280	
July		14,010			9,597	
August		20,347			14,575	
September		28,423			19,053	
9 Months		134,541			95,505	
October		32,057			20,469	
November		25,785			16,235	
December		18,937			11,995	
YEAR-END		211,320			144,204	

(r) Revised

GAS RESIDENTIAL WALL FURNACES

	VENTED WALL FURNACES			DIRECT VENT SYSTEM WALL FURNACES (a)			TOTAL WALL FURNACES		
MONTH	**1989**	**1988**	**%Chg.**	**1989**	**1988**	**%Chg.**	**1989**	**1988**	**%Chg**
January	9,850	9,280	+6.1	6,030	4,400	+37.0	15,880	13,680	+16.1
February	6,340	4,240	+49.5	3,180	2,360	+34.7	9,520	6,600	+44.2
March	5,080	5,850	-13.2	4,870	4,450	+9.4	9,950	10,300	-3.4
3 Months	21,270	19,370	+9.8	14,080	11,210	+25.6	35,350	30,580	+15.6
April		4,990			3,690			8,680	
May		6,480			5,180			11,660	
June		8,540			5,830			14,370	
6 Months		39,380			25,910			65,290	
July		5,770			5,720			11,490	
August		8,880			4,610			13,490	
September		16,050			8,090			24,140	
9 Months		70,080			44,330			114,410	
October		12,670			7,480			20,150	
November		12,030			7,210			19,240	
December		13,090			6,310			19,400	
YEAR-END		107,870			65,330			173,200	

(a) Figures exclude shipments of wall furnaces for installation in recreational vehicles.

VENTED & UNVENTED ROOM HEATERS

MONTH	VENTED ROOM HEATERS 1989	1988	%Chg.	UNVENTED ROOM HEATERS 1989	1988	%Chg.
January	3,413	3,613	-5.5	7,123	10,321	-31.0
February	3,286	2,173	+51.2	3,647	3,653	-0.2
March	4,568	4,824	-5.3	15,738	6,159	+155.5
3 Months	11,267	10,610	+6.2	26,508	20,133	+31.7
April		4,534			12,133	
May		6,227			17,220	
June		9,757			21,356	
6 Months		31,128			70,842	
July		7,654			16,271	
August		8,618			15,131	
September		11,849			24,744	
9 Months		59,249			126,988	
October		15,028			32,609	
November		10,432			20,476	
December		6,717			22,088	
YEAR-END		91,426			202,161	

OTHER HEATING EQUIPMENT

MONTH	GAS RECREATIONAL VEHICLE HEATING SYSTEMS (a)			GAS FLOOR FURNACES		
	1989	1988	%Chg.	1989	1988	%Chg.
January	19,069	17,578 (r)	+8.5	1,098	1,217	-9.8
February	19,800	18,998	+4.2	693	930	-25.5
March	23,426	24,693	-5.1	1,249	1,178	+6.0
3 Months	62,295	61,269	+1.7	3,040	3,325	-8.6
April		22,058			1,076	
May		21,963			1,592	
June		21,133			2,092	
6 Months		126,423			8,085	
July		18,602			1,015	
August		19,384			1,726	
September		18,268			2,021	
9 Months		182,377			12,847	
October		19,232			3,599	
November		18,391			1,734	
December		15,518			2,120	
YEAR-END		235,518			20,300	

(a) Includes Direct Vent Wall & Direct Vent Central Furnaces.
(r) Revised

GAS UNIT HEATERS AND DUCT FURNACES

MONTH	PROPELLER FAN TYPE UNIT HEATERS			BLOWER TYPE UNIT HEATERS			DUCT FURNACES		
	1989	1988	%Chg.	1989	1988	%Chg.	1989	1988	%Chg
January	15,019	13,557	+10.8	937	884	+6.0	2,063	1,638	+25.9
February	12,673	11,221	+12.9	1,133	831	+36.3	1,723	1,774	-2.9
March	12,971	6,652	+95.0	902	628	+43.6	1,857	1,028	+80.6
3 Months	40,663	31,430	+6.2	2,972	2,343	+26.8	5,643	4,440	+27.1
April		5,794			566			1,092	
May		5,608			696			1,325	
June		11,844			573			982	
6 Months		54,676			4,178			7,839	
July		10,289			581			631	
August		15,834			1,063			1,306	
September		19,789			1,124			1,635	
9 Months		100,588			6,946			11,411	
October		16,909			1,171			1,879	
November		19,643			1,170			2,298	
December		21,989			1,189			2,414	
YEAR-END		159,129			10,476			18,002	

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STATISTICAL HIGHLIGHTS

GAS APPLIANCE MANUFACTURERS ASSOCIATION, INC.
1901 North Moore Street • Arlington, Va. 22209 • 703/525-9565

STATISTICS FOR THE MONTH OF APRIL 1989

A summary of shipment statistics compiled by GAMA from reports by its members. Unless otherwise noted, figures represent total industry factory shipments.

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	WATER HEATERS
2	Residential
3	Commercial
	RESIDENTIAL HEATING EQUIPMENT
4	Central Furnaces
5	Boilers
6	Wall Furnaces
7	Room Heaters
8	Floor Furnaces
	EQUIPMENT FOR RECREATIONAL VEHICLES
8	Gas Heating Equipment
9	**GAS UNIT HEATERS and DUCT FURNACES**

Issued: May 31, 1989

RESIDENTIAL GAS & ELECTRIC STORAGE WATER HEATERS

	GAS WATER HEATER (Excludes Boosters)			ELECTRIC WATER HEATERS (Excludes Boosters)			TOTAL		
MONTH	**1989**	**1988**	**%Chg.**	**1989**	**1988**	**%Chg.**	**1989**	**1988**	**%Chg.**
January	336,682	354,840	-5.1	270,147	282,499	-4.4	606,829	637,339	-4.8
February	327,894	320,350	+2.4	275,663	261,891	+5.3	603,557	582,241	+3 7
March	375,171	334,094	+12.3	294,516	283,191	+4.0	669,687	617,285	+8.5
3 Months	1,039,747	1,009,284	+3.0	840,326	827,581	+1.5	1,880,073	1,836,865	+2.4
April	354,401	329,060	+7.7	293,669	266,628	+10.1	648,070	595,688	+8.8
May		316,767			273,281			590,048	
June		332,697			290,034			622,731	
6 Months		1,987,808			1,657,524			3,645,332	
July		286,758			256,561			543,319	
August		289,580			272,941			562,521	
September		321,352			272,864			594,216	
9 Months		2,885,498			2,459,890			5,345,388	
October		380,810			308,139			688,949	
November		307,417			259,325			566,742	
December		382,744			306,136			688,880	
YEAR-END		3,956,469			3,333,490			7,289,959	

Figures include shipments to mobile home manufacturers.

COMMERCIAL WATER HEATERS

MONTH	GAS COMMERCIAL WATER HEATERS (a) 1989	1988	%Chg.	ELECTRIC COMMERCIAL WATER HEATERS 1989	1988	%Chg.
January	9,111	9,003	+1.2	1,684	1,335	+26.1
February	9,053	8,967	+1.0	1,518	1,384	+9.7
March	10,704	10,630	+0.7	2,711	1,595	+70.0
3 Months	28,868	28,600	+0.9	5,913	4,314	+37.1
April	8,395	9,043	-7.2	2,274	1,698	+33.9
May		8,808			1,505	
June		9,748			1,857	
6 Months		56,199			9,374	
July		7,641			1,296	
August		7,872			1,674	
September		8,662			1,593	
9 Months		80,374			13,937	
October		9,399			1,694	
November		8,700			1,609	
December		10,209			1,755	
YEAR-END		108,682			18,995	

(a) Includes integral tank type and copper tube or coil type commercial gas water heaters.

CENTRAL HEATING FURNACES

	GAS WARM AIR FURNACES			OIL WARM AIR FURNACES			ELECTRIC WARM AIR FURNACES		
MONTH	**1989**	**1988**	**%Chg.**	**1989**	**1988**	**%Chg.**	**1989**	**1988**	**%Chg**
January	178,465	157,210	+13.5	14,775	15,095	-2.1	22,655	27,685	-18.2
February	148,075	134,270	+10.3	12,890	12,790	+0.8	23,940	24,050	-0.5
March	135,190	147,965	-8.6	9,785	11,910	-17.8	28,252	24,565	+15.0
3 Months	461,730	439,445	+5.1	37,450	39,795	-5.9	74,847	76,300	-1.9
April	131,490	124,910	+5.3	6,725	7,755	-13.3	28,291	20,885	+35.5
May		118,490			8,460			29,575	
June		138,545			10,640			30,890	
6 Months		1,414,610			66,650			157,650	
July		163,550			14,890			27,150	
August		200,730			22,565			23,945	
September		254,035			32,085			24,680	
9 Months		1,439,705			136,190			233,425	
October		251,855			27,210			23,090	
November		223,035			22,785			17,045	
December		177,570			17,600			19,535	
YEAR-END		2,092,165			203,785			293,095	

GAS & OIL BOILERS

MONTH	GAS BOILERS 1989	GAS BOILERS 1988	GAS BOILERS %Chg.	OIL BOILERS 1989	OIL BOILERS 1988	OIL BOILERS %Chg.
January	14,149	16,694 (r)	-15.2	8,821	11,848 (r)	-25.5
February	10,698	11,102 (r)	-3.6	7,234	6,030 (r)	+20.0
March	11,310	12,017 (r)	-5.9	9,390	9,677 (r)	-3.0
3 Months	36,157	39,813	-9.2	25,445	27,555	-7.7
April	7,267	6,834	+6.3	4,931	6,525	-24.4
May		9,974			6,728 (r)	
June		15,140			11,472	
6 Months		71,761			52,280	
July		14,010			9,597	
August		20,347			14,575	
September		28,423			19,053	
9 Months		134,541			95,505	
October		32,057			20,469	
November		25,785			16,235	
December		18,937			11,995	
YEAR-END		211,320			144,204	

(r) Revised

GAS RESIDENTIAL WALL FURNACES

	VENTED WALL FURNACES			DIRECT VENT SYSTEM WALL FURNACES (a)			TOTAL WALL FURNACES		
MONTH	**1989**	**1988**	**%Chg.**	**1989**	**1988**	**%Chg.**	**1989**	**1988**	**%Chg**
January	9,850	9,280	+6.1	6,030	4,400	+37.0	15,880	13,680	+16.1
February	6,340	4,240	+49.5	3,180	2,360	+34.7	9,520	6,600	+44.2
March	5,080	5,850	-13.2	4,870	4,450	+9.4	9,950	10,300	-3.4
3 Months	21,270	19,370	+9.8	14,080	11,210	+25.6	35,350	30,580	+15.6
April	5,770	4,990	+15.6	5,640	3,690	+52.8	11,410	8,680	+31.5
May		6,480			5,180			11,660	
June		8,540			5,830			14,370	
6 Months		39,380			25,910			65,290	
July		5,770			5,720			11,490	
August		8,880			4,610			13,490	
September		16,050			8,090			24,140	
9 Months		70,080			44,330			114,410	
October		12,670			7,480			20,150	
November		12,030			7,210			19,240	
December		13,090			6,310			19,400	
YEAR-END		107,870			65,330			173,200	

(a) Figures exclude shipments of wall furnaces for installation in recreational vehicles.

VENTED & UNVENTED ROOM HEATERS

MONTH	VENTED ROOM HEATERS 1989	1988	%Chg.	UNVENTED ROOM HEATERS 1989	1988	%Chg.
January	3,413	3,613	-5.5	7,123	10,321	-31.0
February	3,286	2,173	+51.2	3,647	3,653	-0.2
March	4,568	4,824	-5.3	15,738	6,159	+155.5
3 Months	11,267	10,610	+6.2	26,508	20,133	+31.7
April	4,130	4,534	-8.9	16,598	12,133	+36.8
May		6,227			17,220	
June		9,757			21,356	
6 Months		31,128			70,842	
July		7,654			16,271	
August		8,618			15,131	
September		11,849			24,744	
9 Months		59,249			126,988	
October		15,028			32,609	
November		10,432			20,476	
December		6,717			22,088	
YEAR-END		91,426			202,161	

OTHER HEATING EQUIPMENT

MONTH	GAS RECREATIONAL VEHICLE HEATING SYSTEMS (a)			GAS FLOOR FURNACES		
	1989	1988	%Chg.	1989	1988	%Chg.
January	19,069	17,578 (r)	+8.5	1,098	1,217	-9.8
February	19,800	18,998	+4.2	693	930	-25.5
March	23,426	24,693	-5.1	1,249	1,178	+6.0
3 Months	62,295	61,269	+1.7	3,040	3,325	-8.6
April	16,023	22,058	-27.4	1,056	1,076	-1.9
May		21,963			1,592	
June		21,133			2,092	
6 Months		126,423			8,085	
July		18,602			1,015	
August		19,384			1,726	
September		18,268			2,021	
9 Months		182,377			12,847	
October		19,232			3,599	
November		18,391			1,734	
December		15,518			2,120	
YEAR-END		235,518			20,300	

(a) Includes Direct Vent Wall & Direct Vent Central Furnaces.
(r) Revised

GAS UNIT HEATERS AND DUCT FURNACES

	PROPELLER FAN TYPE UNIT HEATERS			BLOWER TYPE UNIT HEATERS			DUCT FURNACES		
MONTH	**1989**	**1988**	**%Chg.**	**1989**	**1988**	**%Chg.**	**1989**	**1988**	**%Chg**
January	15,019	13,557	+10.8	937	884	+6.0	2,063	1,638	+25.9
February	12,673	11,221	+12.9	1,133	831	+36.3	1,723	1,774	-2.9
March	12,971	6,652	+95.0	902	628	+43.6	1,857	1,028	+80.6
3 Months	40,663	31,430	+6.2	2,972	2,343	+26.8	5,643	4,440	+27.1
April	11,551	5,794	+99.4	551	566	-2.7	1,395	1,092	+27.7
May		5,608			696			1,325	
June		11,844			573			982	
6 Months		54,676			4,178			7,839	
July		10,289			581			631	
August		15,834			1,063			1,306	
September		19,789			1,124			1,635	
9 Months		100,588			6,946			11,411	
October		16,909			1,171			1,879	
November		19,643			1,170			2,298	
December		21,989			1,189			2,414	
YEAR-END		159,129			10,476			18,002	

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STATISTICAL HIGHLIGHTS

GAS APPLIANCE MANUFACTURERS ASSOCIATION, INC.
1901 North Moore Street • Arlington, Va. 22209 • 703/525-9565

STATISTICS FOR THE MONTH OF MAY 1989

A summary of shipment statistics compiled by GAMA from reports by its members. Unless otherwise noted, figures represent total industry factory shipments.

Page		
	WATER HEATERS	
2		Residential
3		Commercial
	RESIDENTIAL HEATING EQUIPMENT	
4		Central Furnaces
5		Boilers
6		Wall Furnaces
7		Room Heaters
8		Floor Furnaces
	EQUIPMENT FOR RECREATIONAL VEHICLES	
8		Gas Heating Equipment
9	**GAS UNIT HEATERS and DUCT FURNACES**	

Issued: July 6, 1989

RESIDENTIAL GAS & ELECTRIC STORAGE WATER HEATERS

	GAS WATER HEATER (Excludes Boosters)			ELECTRIC WATER HEATERS (Excludes Boosters)			TOTAL		
MONTH	1989	1988	%Chg.	1989	1988	%Chg.	1989	1988	%Chg.
January	336,682	354,840	-5.1	270,147	282,499	-4.4	606,829	637,339	-4.8
February	327,894	320,350	+2.4	275,663	261,891	+5.3	603,557	582,241	+3.7
March	375,171	334,094	+12.3	294,516	283,191	+4.0	669,687	617,285	+8.5
3 Months	1,039,747	1,009,284	+3.0	840,326	827,581	+1.5	1,880,073	1,836,865	+2.4
April	354,401	329,060	+7.7	293,669	266,628	+10.1	648,070	595,688	+8.8
May	324,183	316,767	+2.3	277,732	273,281	+1.6	601,915	590,048	+2.0
June		332,697			290,034			622,731	
6 Months		1,987,808			1,657,524			3,645,332	
July		286,758			256,561			543,319	
August		289,580			272,941			562,521	
September		321,352			272,864			594,216	
9 Months		2,885,498			2,459,890			5,345,388	
October		380,810			308,139			688,949	
November		307,417			259,325			566,742	
December		382,744			306,136			688,880	
YEAR-END		3,956,469			3,333,490			7,289,959	

Figures include shipments to mobile home manufacturers.

COMMERCIAL WATER HEATERS

MONTH	GAS COMMERCIAL WATER HEATERS (a) 1989	1988	%Chg.	ELECTRIC COMMERCIAL WATER HEATERS 1989	1988	%Chg.
January	9,111	9,003	+1.2	1,684	1,335	+26.1
February	9,053	8,967	+1.0	1,518	1,384	+9.7
March	10,704	10,630	+0.7	2,711	1,595	+70.0
3 Months	28,868	28,600	+0.9	5,913	4,314	+37.1
April	9,052 (r)	9,043	+0.1	2,274	1,698	+33.9
May	9,106	8,808	+3.4	1,728	1,505	+14.8
June		9,748			1,857	
6 Months		56,199			9,374	
July		7,641			1,296	
August		7,872			1,674	
September		8,662			1,593	
9 Months		80,374			13,937	
October		9,399			1,694	
November		8,700			1,609	
December		10,209			1,755	
YEAR-END		108,682			18,995	

(a) Includes integral tank type and copper tube or coil type commercial gas water heaters.
(r) Revised

CENTRAL HEATING FURNACES

MONTH	GAS WARM AIR FURNACES 1989	GAS WARM AIR FURNACES 1988	GAS WARM AIR FURNACES %Chg.	OIL WARM AIR FURNACES 1989	OIL WARM AIR FURNACES 1988	OIL WARM AIR FURNACES %Chg.	ELECTRIC WARM AIR FURNACES 1989	ELECTRIC WARM AIR FURNACES 1988	ELECTRIC WARM AIR FURNACES %Chg
January	178,465	157,210	+13.5	14,775	15,095	-2.1	22,655	27,685	-18.2
February	148,075	134,270	+10.3	12,890	12,790	+0.8	23,940	24,050	-0.5
March	135,190	147,965	-8.6	9,785	11,910	-17.8	28,252	24,565	+15.0
3 Months	461,730	439,445	+5.1	37,450	39,795	-5.9	74,847	76,300	-1.9
April	131,490	124,910	+5.3	6,725	7,755	-13.3	28,291	20,885	+35.5
May	142,090	118,490	+19.9	7,855	8,460	-7.2	28,508	29,575	-3.6
June		138,545			10,640			30,890	
6 Months		821,390			66,650			157,650	
July		163,550			14,890			27,150	
August		200,730			22,565			23,945	
Septembe		254,035			32,085			24,680	
9 Months		1,439,705			136,190			233,425	
October		251,855			27,210			23,090	
November		223,035			22,785			17,045	
December		177,570			17,600			19,535	
YEAR-END		2,092,165			203,785			293,095	

GAS & OIL BOILERS

MONTH	GAS BOILERS 1989	GAS BOILERS 1988	GAS BOILERS %Chg.	OIL BOILERS 1989	OIL BOILERS 1988	OIL BOILERS %Chg.
January	14,149	16,694 (r)	-15.2	8,821	11,848 (r)	-25.5
February	10,698	11,102 (r)	-3.6	7,234	6,030 (r)	+20.0
March	11,310	12,017 (r)	-5.9	9,390	9,677 (r)	-3.0
3 Months	36,157	39,813	-9.2	25,445	27,555	-7.7
April	7,267	6,834	+6.3	4,931	6,525	-24.4
May	8,435	9,974	-15.4	6,439	6,728 (r)	-4.3
June		15,140			11,472	
6 Months		71,761			52,280	
July		14,010			9,597	
August		20,347			14,575	
September		28,423			19,053	
9 Months		134,541			95,505	
October		32,057			20,469	
November		25,785			16,235	
December		18,937			11,995	
YEAR-END		211,320			144,204	

(r) Revised

GAS RESIDENTIAL WALL FURNACES

	VENTED WALL FURNACES			DIRECT VENT SYSTEM WALL FURNACES (a)			TOTAL WALL FURNACES		
MONTH	**1989**	**1988**	**%Chg.**	**1989**	**1988**	**%Chg.**	**1989**	**1988**	**%Chg**
January	9,850	9,280	+6.1	6,030	4,400	+37.0	15,880	13,680	+16.1
February	6,340	4,240	+49.5	3,180	2,360	+34.7	9,520	6,600	+44.2
March	5,080	5,850	-13.2	4,870	4,450	+9.4	9,950	10,300	-3.4
3 Months	21,270	19,370	+9.8	14,080	11,210	+25.6	35,350	30,580	+15.6
April	5,770	4,990	+15.6	5,640	3,690	+52.8	11,410	8,680	+31.5
May	6,130	6,480	-5.4	4,640	5,180	-10.4	10,770	11,660	-7.6
June		8,540			5,830			14,370	
6 Months		39,380			25,910			65,290	
July		5,770			5,720			11,490	
August		8,880			4,610			13,490	
September		16,050			8,090			24,140	
9 Months		70,080			44,330			114,410	
October		12,670			7,480			20,150	
November		12,030			7,210			19,240	
December		13,090			6,310			19,400	
YEAR-END		107,870			65,330			173,200	

(a) Figures exclude shipments of wall furnaces for installation in recreational vehicles.

VENTED & UNVENTED ROOM HEATERS

MONTH	VENTED ROOM HEATERS			UNVENTED ROOM HEATERS		
	1989	1988	%Chg.	1989	1988	%Chg.
January	3,413	3,613	-5.5	7,123	10,321	-31.0
February	3,286	2,173	+51.2	3,647	3,653	-0.2
March	4,568	4,824	-5.3	15,738	6,159	+155.5
3 Months	11,267	10,610	+6.2	26,508	20,133	+31.7
April	4,130	4,534	-8.9	16,598	12,133	+36.8
May	6,287	6,227	+1.0	25,691	17,220	+49.2
June		9,757			21,356	
6 Months		31,128			70,842	
July		7,654			16,271	
August		8,618			15,131	
September		11,849			24,744	
9 Months		59,249			126,988	
October		15,028			32,609	
November		10,432			20,476	
December		6,717			22,088	
YEAR-END		91,426			202,161	

OTHER HEATING EQUIPMENT

MONTH	GAS RECREATIONAL VEHICLE HEATING SYSTEMS (a)			GAS FLOOR FURNACES		
	1989	1988	%Chg.	1989	1988	%Chg.
January	19,069	17,578 (r)	+8.5	1,098	1,217	-9.8
February	19,800	18,998	+4.2	693	930	-25.5
March	23,426	24,693	-5.1	1,249	1,178	+6.0
3 Months	62,295	61,269	+1.7	3,040	3,325	-8.6
April	16,023	22,058	-27.4	1,056	1,076	-1.9
May	*	21,963		1,344	1,592	-15.6
June		21,133			2,092	
6 Months		126,423			8,085	
July		18,602			1,015	
August		19,384			1,726	
September		18,268			2,021	
9 Months		182,377			12,847	
October		19,232			3,599	
November		18,391			1,734	
December		15,518			2,120	
YEAR-END		235,518			20,300	

(a) Includes Direct Vent Wall & Direct Vent Central Furnaces.
(r) Revised
* Not available due to possible disclosure

GAS UNIT HEATERS AND DUCT FURNACES

	PROPELLER FAN TYPE UNIT HEATERS			BLOWER TYPE UNIT HEATERS			DUCT FURNACES		
MONTH	**1989**	**1988**	**%Chg.**	**1989**	**1988**	**%Chg.**	**1989**	**1988**	**%Chg**
January	15,019	13,557	+10.8	937	884	+6.0	2,063	1,638	+25.9
February	12,673	11,221	+12.9	1,133	831	+36.3	1,723	1,774	-2.9
March	12,971	6,652	+95.0	902	628	+43.6	1,857	1,028	+80.6
3 Months	40,663	31,430	+6.2	2,972	2,343	+26.8	5,643	4,440	+27.1
April	11,551	5,794	+99.4	551	566	-2.7	1,395	1,092	+27.7
May	10,343	5,608	+84.4	545	696	-21.7	1,164	1,325	-12.2
June		11,844			573			982	
6 Months		54,676			4,178			7,839	
July		10,289			581			631	
August		15,834			1,063			1,306	
September		19,789			1,124			1,635	
9 Months		100,588			6,946			11,411	
October		16,909			1,171			1,879	
November		19,643			1,170			2,298	
December		21,989			1,189			2,414	
YEAR-END		159,129			10,476			18,002	

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STATISTICAL HIGHLIGHTS

GAS APPLIANCE MANUFACTURERS ASSOCIATION, INC.
1901 North Moore Street • Arlington, Va. 22209 • 703-525-9565

STATISTICS FOR THE MONTH OF JUNE 1989

A summary of shipment statistics compiled by GAMA from reports by its members. Unless otherwise noted, figures represent total industry factory shipments.

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	WATER HEATERS
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	RESIDENTIAL HEATING EQUIPMENT
4	Central Furnaces
5	Boilers
6	Wall Furnaces
7	Room Heaters
8	Floor Furnaces
	EQUIPMENT FOR RECREATIONAL VEHICLES
8	Gas Heating Equipment
9	**GAS UNIT HEATERS and DUCT FURNACES**

Issued: August 8, 1989

RESIDENTIAL GAS & ELECTRIC STORAGE WATER HEATERS

	GAS WATER HEATER (Excludes Boosters)			ELECTRIC WATER HEATERS (Excludes Boosters)			TOTAL		
MONTH	**1989**	**1988**	**%Chg.**	**1989**	**1988**	**%Chg.**	**1989**	**1988**	**%Chg.**
January	336,682	354,840	-5.1	270,147	282,499	-4.4	606,829	637,339	-4.8
February	327,894	320,350	+2.4	275,663	261,891	+5.3	603,557	582,241	+3.7
March	375,171	334,094	+12.3	294,516	283,191	+4.0	669,687	617,285	+8.5
3 Months	1,039,747	1,009,284	+3.0	840,326	827,581	+1.5	1,880,073	1,836,865	+2.4
April	354,401	329,060	+7.7	293,669	266,628	+10.1	648,070	595,688	+8.8
May	324,183	316,767	+2.3	277,732	273,281	+1.6	601,915	590,048	+2.0
June	345,195	332,697	+3.8	286,722	290,034	-1.1	631,917	622,731	+1.5
6 Months	2,063,526	1,987,808	+3.8	1,698,449	1,657,524	+2.5	3,761,975	3,645,332	+3.2
July		286,758			256,561			543,319	
August		289,580			272,941			562,521	
September		321,352			272,864			594,216	
9 Months		2,885,498			2,459,890			5,345,388	
October		380,810			308,139			688,949	
November		307,417			259,325			566,742	
December		382,744			306,136			688,880	
YEAR-END		3,956,469			3,333,490			7,289,959	

Figures include shipments to mobile home manufacturers.

COMMERCIAL WATER HEATERS

MONTH	GAS COMMERCIAL WATER HEATERS (a) 1989	1988	%Chg.	ELECTRIC COMMERCIAL WATER HEATERS 1989	1988	%Chg.
January	9,111	9,003	+1.2	1,684	1,335	+26.1
February	9,053	8,967	+1.0	1,518	1,384	+9.7
March	10,704	10,630	+0.7	1,851 (r)	1,595	+16.1
3 Months	28,868	28,600	+0.9	5,053	4,314	+17.1
April	9,052 (r)	9,043	+0.1	1,623 (r)	1,698	-4.4
May	9,106	8,808	+3.4	1,728	1,505	+14.8
June	8,663	9,748	-11.1	1,719	1,857	-7.4
6 Months	55,689	56,199	-0.9	10,123	9,374	+8.0
July		7,641			1,296	
August		7,872			1,674	
September		8,662			1,593	
9 Months		80,374			13,937	
October		9,399			1,694	
November		8,700			1,609	
December		10,209			1,755	
YEAR-END		108,682			18,995	

(a) Includes integral tank type and copper tube or coil type commercial gas water heaters.
(r) Revised

CENTRAL HEATING FURNACES

	GAS WARM AIR FURNACES			OIL WARM AIR FURNACES			ELECTRIC WARM AIR FURNACES		
MONTH	1989	1988	%Chg.	1989	1988	%Chg.	1989	1988	%Chg
January	178,465	157,210	+13.5	14,775	15,095	-2.1	22,655	27,685	-18.2
February	148,075	134,270	+10.3	12,890	12,790	+0.8	23,940	24,050	-0.5
March	135,190	147,965	-8.6	9,785	11,910	-17.8	28,252	24,565	+15.0
3 Months	461,730	439,445	+5.1	37,450	39,795	-5.9	74,847	76,300	-1.9
April	131,490	124,910	+5.3	6,725	7,755	-13.3	28,291	20,885	+35.5
May	142,090	118,490	+19.9	7,855	8,460	-7.2	28,508	29,575	-3.6
June	168,290	138,545	+21.5	10,300	10,640	-3.2	31,311	30,890	+1.4
6 Months	903,600	821,390	+10.0	62,330	66,650	-6.5	162,957	157,650	+3.4
July		163,550			14,890			27,150	
August		200,730			22,565			23,945	
September		254,035			32,085			24,680	
9 Months		1,439,705			136,190			233,425	
October		251,855			27,210			23,090	
November		223,035			22,785			17,045	
December		177,570			17,600			19,535	
YEAR-END		2,092,165			203,785			293,095	

GAS & OIL BOILERS

MONTH	GAS BOILERS 1989	GAS BOILERS 1988	GAS BOILERS %Chg.	OIL BOILERS 1989	OIL BOILERS 1988	OIL BOILERS %Chg.
January	14,149	16,694 (r)	-15.2	8,821	11,848 (r)	-25.5
February	10,698	11,102 (r)	-3.6	7,234	6,030 (r)	+20.0
March	11,310	12,017 (r)	-5.9	9,390	9,677 (r)	-3.0
3 Months	36,157	39,813	-9.2	25,445	27,555	-7.7
April	7,267	6,834	+6.3	4,931	6,525	-24.4
May	8,435	9,974	-15.4	6,439	6,728 (r)	-4.3
June	15,879	15,140	+4.9	11,821	11,472	+3.0
6 Months	67,835	71,761	-5.5	60,457	52,280	+15.6
July		14,010			9,597	
August		20,347			14,575	
September		28,423			19,053	
9 Months		134,541			95,505	
October		32,057			20,469	
November		25,785			16,235	
December		18,937			11,995	
YEAR-END		211,320			144,204	

(r) Revised

GAS RESIDENTIAL WALL FURNACES

	VENTED WALL FURNACES			DIRECT VENT SYSTEM WALL FURNACES (a)			TOTAL WALL FURNACES		
MONTH	1989	1988	%Chg.	1989	1988	%Chg.	1989	1988	%Chg
January	9,850	9,280	+6.1	6,030	4,400	+37.0	15,880	13,680	+16.1
February	6,340	4,240	+49.5	3,180	2,360	+34.7	9,520	6,600	+44.2
March	5,080	5,850	-13.2	4,870	4,450	+9.4	9,950	10,300	-3.4
3 Months	21,270	19,370	+9.8	14,080	11,210	+25.6	35,350	30,580	+15.6
April	5,520 (r)	4,990	+10.6	5,640	3,690	+52.8	11,160	8,680	+28.6
May	6,130	6,480	-5.4	4,640	5,180	-10.4	10,770	11,660	-7.6
June	7,910	8,540	-7.4	4,810	5,830	-17.5	12,720	14,370	-11.5
6 Months	40,830	39,380	+3.7	29,170	25,910	+12.6	70,000	65,290	+7.2
July		5,770			5,720			11,490	
August		8,880			4,610			13,490	
September		16,050			8,090			24,140	
9 Months		70,080			44,330			114,410	
October		12,670			7,480			20,150	
November		12,030			7,210			19,240	
December		13,090			6,310			19,400	
YEAR-END		107,870			65,330			173,200	

(a) Figures exclude shipments of wall furnaces for installation in recreational vehicles.
(r) Revised

VENTED & UNVENTED ROOM HEATERS

MONTH	VENTED ROOM HEATERS 1989	1988	%Chg.	UNVENTED ROOM HEATERS 1989	1988	%Chg.
January	3,413	3,613	-5.5	7,023	10,321	-32.0
February	3,286	2,173	+51.2	3,647	3,653	-0.2
March	4,568	4,824	-5.3	15,738	6,159	+155.5
3 Months	11,267	10,610	+6.2	26,408	20,133	+31.2
April	4,130	4,534	-8.9	16,598	12,133	+36.8
May	6,287	6,227	+1.0	25,691	17,220	+49.2
June	8,556	9,757	-12.3	26,320	21,356	+23.2
6 Months	30,240	31,128	-2.9	95,117	70,842	+34.3
July		7,654			16,271	
August		8,518			15,131	
September		11,849			24,744	
9 Months		59,249			126,988	
October		15,028			32,609	
November		10,432			20,476	
December		6,717			22,088	
YEAR-END		91,426			202,161	

OTHER HEATING EQUIPMENT

MONTH	GAS RECREATIONAL VEHICLE HEATING SYSTEMS (a)			GAS FLOOR FURNACES		
	1989	1988	%Chg.	1989	1988	%Chg.
January	19,069	17,578 (r)	+8.5	1,098	1,217	-9.8
February	19,800	18,998	+4.2	693	930	-25.5
March	23,426	24,693	-5.1	1,249	1,178	+6.0
3 Months	62,295	61,269	+1.7	3,040	3,325	-8.6
April	16,023	22,058	-27.4	1,056	1,076	-1.9
May	*	21,963		1,344	1,592	-15.6
June	*	21,133		1,105	2,092	-47.2
6 Months		126,423		6,545	8,085	-19.0
July		18,602			1,015	
August		19,384			1,726	
September		18,268			2,021	
9 Months		182,377			12,847	
October		19,232			3,599	
November		18,391			1,734	
December		15,518			2,120	
YEAR-END		235,518			20,300	

(a) Includes Direct Vent Wall & Direct Vent Central Furnaces.
(r) Revised
* Not available due to possible disclosure

GAS UNIT HEATERS AND DUCT FURNACES

	PROPELLER FAN TYPE UNIT HEATERS			BLOWER TYPE UNIT HEATERS			DUCT FURNACES		
MONTH	**1989**	**1988**	**%Chg.**	**1989**	**1988**	**%Chg.**	**1989**	**1988**	**%Chg**
January	15,019	13,557	+10.8	937	884	+6.0	2,063	1,638	+25.9
February	12,673	11,221	+12.9	1,133	831	+36.3	1,723	1,774	-2.9
March	12,971	6,652	+95.0	902	628	+43.6	1,857	1,028	+80.6
3 Months	40,663	31,430	+6.2	2,972	2,343	+26.8	5,643	4,440	+27.1
April	11,551	5,794	+99.4	551	566	-2.7	1,395	1,092	+27.7
May	10,343	5,608	+84.4	545	696	-21.7	1,164	1,325	-12.2
June	14,926	11,844	+26.0	850	573	+48.3	1,425	982	+45.1
6 Months	77,483	54,676	+41.7	4,918	4,178	+17.7	9,627	7,839	+22.8
July		10,289			581			631	
August		15,834			1,063			1,306	
September		19,789			1,124			1,635	
9 Months		100,588			6,946			11,411	
October		16,909			1,171			1,879	
November		19,643			1,170			2,298	
December		21,989			1,189			2,414	
YEAR-END		159,129			10,476			18,002	

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STATISTICAL HIGHLIGHTS

GAS APPLIANCE MANUFACTURERS ASSOCIATION, INC.
1901 North Moore Street • Arlington, Va. 22209 • 703 525-9565

STATISTICS FOR THE MONTH OF JULY 1989

A summary of shipment statistics compiled by GAMA from reports by its members. Unless otherwise noted, figures represent total industry factory shipments.

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	WATER HEATERS
2	Residential
3	Commercial
	RESIDENTIAL HEATING EQUIPMENT
4	Central Furnaces
5	Boilers
6	Wall Furnaces
7	Room Heaters
8	Floor Furnaces
	EQUIPMENT FOR RECREATIONAL VEHICLES
8	Gas Heating Equipment
9	**GAS UNIT HEATERS and DUCT FURNACES**

Issued: September 7, 1989

RESIDENTIAL GAS & ELECTRIC STORAGE WATER HEATERS

	GAS WATER HEATER (Excludes Boosters)			ELECTRIC WATER HEATERS (Excludes Boosters)			TOTAL		
MONTH	1989	1988	%Chg.	1989	1988	%Chg.	1989	1988	%Chg.
January	336,682	354,840	-5.1	270,147	282,499	-4.4	606,829	637,339	-4.8
February	327,894	320,350	+2.4	275,663	261,891	+5.3	603,557	582,241	+3.7
March	375,171	334,094	+12.3	294,516	283,191	+4.0	669,687	617,285	+8.5
3 Months	1,039,747	1,009,284	+3.0	840,326	827,581	+1.5	1,880,073	1,836,865	+2.4
April	354,401	329,060	+7.7	293,669	266,628	+10.1	648,070	595,688	+8.8
May	324,183	316,767	+2.3	277,732	273,281	+1.6	601,915	590,048	+2.0
June	345,195	332,697	+3.8	286,722	290,034	-1.1	631,917	622,731	+1.5
6 Months	2,063,526	1,987,808	+3.8	1,698,449	1,657,524	+2.5	3,761,975	3,645,332	+3.2
July	302,904	286,758	+5.6	254,134	256,561	-0.9	557,038	543,319	+2.5
August		289,580			272,941			562,521	
September		321,352			272,864			594,216	
9 Months		2,885,498			2,459,890			5,345,388	
October		380,810			308,139			688,949	
November		307,417			259,325			566,742	
December		382,744			306,136			688,880	
YEAR-END		3,956,469			3,333,490			7,289,959	

Figures include shipments to mobile home manufacturers.

COMMERCIAL WATER HEATERS

MONTH	GAS COMMERCIAL WATER HEATERS (a) 1989	1988	%Chg.	ELECTRIC COMMERCIAL WATER HEATERS 1989	1988	%Chg.
January	9,111	9,003	+1.2	1,684	1,335	+26.1
February	9,053	8,967	+1.0	1,518	1,384	+9.7
March	10,704	10,630	+0.7	1,851	1,595	+16.1
3 Months	28,868	28,600	+0.9	5,053	4,314	+17.1
April	9,052	9,043	+0.1	1,623	1,698	-4.4
May	9,106	8,808	+3.4	1,728	1,505	+14.8
June	8,663	9,748	-11.1	1,719	1,857	-7.4
6 Months	55,689	56,199	-0.9	10,123	9,374	+8.0
July	7,947	7,641	+4.0	1,380	1,296	+6.5
August		7,872			1,674	
September		8,662			1,593	
9 Months		80,374			13,937	
October		9,399			1,694	
November		8,700			1,609	
December		10,209			1,755	
YEAR-END		108,682			18,995	

(a) Includes integral tank type and copper tube or coil type commercial gas water heaters.
(r) Revised

CENTRAL HEATING FURNACES

	GAS WARM AIR FURNACES			OIL WARM AIR FURNACES			ELECTRIC WARM AIR FURNACES		
MONTH	**1989**	**1988**	**%Chg.**	**1989**	**1988**	**%Chg.**	**1989**	**1988**	**%Chg**
January	178,465	157,210	+13.5	14,775	15,095	-2.1	22,655	27,685	-18.2
February	148,075	134,270	+10.3	12,890	12,790	+0.8	23,940	24,050	-0.5
March	135,190	147,965	-8.6	9,785	11,910	-17.8	28,252	24,565	+15.0
3 Months	461,730	439,445	+5.1	37,450	39,795	-5.9	74,847	76,300	-1.9
April	131,490	124,910	+5.3	6,725	7,755	-13.3	28,291	20,885	+35.5
May	142,090	118,490	+19.9	7,855	8,460	-7.2	28,508	29,575	-3.6
June	168,290	138,545	+21.5	10,300	10,640	-3.2	31,311	30,890	+1.4
6 Months	903,600	821,390	+10.0	62,330	66,650	-6.5	162,957	157,650	+3.4
July	185,550	163,550	+13.5	10,655	14,890	-28.4	26,167	27,150	-3.6
August		200,730			22,565			23,945	
September		254,035			32,085			24,680	
9 Months		1,439,705			136,190			233,425	
October		251,855			27,210			23,090	
November		223,035			22,785			17,045	
December		177,570			17,600			19,535	
YEAR-END		2,092,165			203,785			293,095	

GAS & OIL BOILERS

MONTH	GAS BOILERS 1989	GAS BOILERS 1988	GAS BOILERS %Chg.	OIL BOILERS 1989	OIL BOILERS 1988	OIL BOILERS %Chg.
January	14,149	16,694	-15.2	8,821	11,848	-25.5
February	10,698	11,102	-3.6	7,234	6,030	+20.0
March	11,310	12,017	-5.9	9,390	9,677	-3.0
3 Months	36,157	39,813	-9.2	25,445	27,555	-7.7
April	7,267	6,834	+6.3	4,931	6,525	-24.4
May	8,435	9,974	-15.4	6,439	6,728	-4.3
June	15,879	15,140	+4.9	11,821	11,472	+3.0
6 Months	67,835	71,761	-5.5	60,457	52,280	+15.6
July	11,959	14,010	-14.6	8,242	9,597	-14.1
August		20,347			14,575	
September		28,423			19,053	
9 Months		134,541			95,505	
October		32,057			20,469	
November		25,785			16,235	
December		18,937			11,995	
YEAR-END		211,320			144,204	

(r) Revised

GAS RESIDENTIAL WALL FURNACES

MONTH	VENTED WALL FURNACES			DIRECT VENT SYSTEM WALL FURNACES (a)			TOTAL WALL FURNACES		
	1989	1988	%Chg.	1989	1988	%Chg.	1989	1988	%Chg
January	9,850	9,280	+6.1	6,030	4,400	+37.0	15,880	13,680	+16.1
February	6,340	4,240	+49.5	3,180	2,360	+34.7	9,520	6,600	+44.2
March	5,080	5,850	-13.2	4,870	4,450	+9.4	9,950	10,300	-3.4
3 Months	21,270	19,370	+9.8	14,080	11,210	+25.6	35,350	30,580	+15.6
April	5,520	4,990	+10.6	5,640	3,690	+52.8	11,160	8,680	+28.6
May	6,130	6,480	-5.4	4,640	5,180	-10.4	10,770	11,660	-7.6
June	7,910	8,540	-7.4	4,810	5,830	-17.5	12,720	14,370	-11.5
6 Months	40,830	39,380	+3.7	29,170	25,910	+12.6	70,000	65,290	+7.2
July	7,120	5,770	+23.4	5,510	5,720	-3.7	12,630	11,490	+9.9
August		8,880			4,610			13,490	
September		16,050			8,090			24,140	
9 Months		70,080			44,330			114,410	
October		12,670			7,480			20,150	
November		12,030			7,210			19,240	
December		13,090			6,310			19,400	
YEAR-END		107,870			65,330			173,200	

(a) Figures exclude shipments of wall furnaces for installation in recreational vehicles.
(r) Revised

VENTED & UNVENTED ROOM HEATERS

MONTH	VENTED ROOM HEATERS 1989	1988	%Chg.	UNVENTED ROOM HEATERS 1989	1988	%Chg.
January	3,413	3,613	-5.5	7,023	10,321	-32.0
February	3,286	2,173	+51.2	3,647	3,653	-0.2
March	4,568	4,824	-5.3	15,738	6,159	+155.5
3 Months	11,267	10,610	+6.2	26,408	20,133	+31.2
April	4,130	4,534	-8.9	16,598	12,133	+36.8
May	6,287	6,227	+1.0	25,691	17,220	+49.2
June	8,556	9,757	-12.3	26,320	21,356	+23.2
6 Months	30,240	31,128	-2.9	95,117	70,842	+34.3
July	7,106	7,654	-7.2	26,016	16,271	+59.9
August		8,618			15,131	
September		11,849			24,744	
9 Months		59,249			126,988	
October		15,028			32,609	
November		10,432			20,476	
December		6,717			22,088	
YEAR-END		91,426			202,161	

OTHER HEATING EQUIPMENT

MONTH	GAS RECREATIONAL VEHICLE HEATING SYSTEMS (a)			GAS FLOOR FURNACES		
	1989	1988	%Chg.	1989	1988	%Chg.
January	19,069	17,578	+8.5	1,098	1,217	-9.8
February	19,800	18,998	+4.2	693	930	-25.5
March	23,426	24,693	-5.1	1,249	1,178	+6.0
3 Months	62,295	61,269	+1.7	3,040	3,325	-8.6
April	16,023	22,058	-27.4	1,056	1,076	-1.9
May	*	21,963		1,344	1,592	-15.6
June	*	21,133		1,105	2,092	-47.2
6 Months	*	126,423		6,545	8,085	-19.0
July	*	18,602		1,602	1,015	+57.8
August		19,384			1,726	
September		18,268			2,021	
9 Months		182,377			12,847	
October		19,232			3,599	
November		18,391			1,734	
December		15,518			2,120	
YEAR-END		235,518			20,300	

(a) Includes Direct Vent Wall & Direct Vent Central Furnaces.
(r) Revised
* Not available due to possible disclosure

GAS UNIT HEATERS AND DUCT FURNACES

MONTH	PROPELLER FAN TYPE UNIT HEATERS 1989	1988	%Chg.	BLOWER TYPE UNIT HEATERS 1989	1988	%Chg.	DUCT FURNACES 1989	1988	%Chg
January	15,019	13,557	+10.8	937	884	+6.0	2,063	1,638	+25.9
February	12,673	11,221	+12.9	1,133	831	+36.3	1,723	1,774	-2.9
March	12,971	6,652	+95.0	902	628	+43.6	1,857	1,028	+80.6
3 Months	40,663	31,430	+6.2	2,972	2,343	+26.8	5,643	4,440	+27.1
April	11,551	5,794	+99.4	551	566	-2.7	1,395	1,092	+27.7
May	10,343	5,608	+84.4	545	696	-21.7	1,164	1,325	-12.2
June	14,926	11,844	+26.0	850	573	+48.3	1,425	982	+45.1
6 Months	77,483	54,676	+41.7	4,918	4,178	+17.7	9,627	7,839	+22.8
July	8,394	10,289	-18.4	454	581	-21.9	778	631	+23.3
August		15,834			1,063			1,306	
September		19,789			1,124			1,635	
9 Months		100,588			6,946			11,411	
October		16,909			1,171			1,879	
November		19,643			1,170			2,298	
December		21,989			1,189			2,414	
YEAR-END		159,129			10,476			18,002	

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STATISTICAL HIGHLIGHTS

GAS APPLIANCE MANUFACTURERS ASSOCIATION, INC.
1901 North Moore Street • Arlington, Va. 22209 • (703) 525-9565

STATISTICS FOR THE MONTH OF AUGUST 1989

A summary of shipment statistics compiled by GAMA from reports by its members. Unless otherwise noted, figures represent total industry factory shipments.

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	RESIDENTIAL HEATING EQUIPMENT
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	EQUIPMENT FOR RECREATIONAL VEHICLES
8	Gas Heating Equipment
9	**GAS UNIT HEATERS and DUCT FURNACES**

Issued: October 16, 1989

RESIDENTIAL GAS & ELECTRIC STORAGE WATER HEATERS

	GAS WATER HEATER (Excludes Boosters)			ELECTRIC WATER HEATERS (Excludes Boosters)			TOTAL		
MONTH	1989	1988	%Chg.	1989	1988	%Chg.	1989	1988	%Chg.
January	336,682	354,840	-5.1	270,147	282,499	-4.4	606,829	637,339	-4.8
February	327,894	320,350	+2.4	275,663	261,891	+5.3	603,557	582,241	+3.7
March	375,171	334,094	+12.3	294,516	283,191	+4.0	669,687	617,285	+8.5
3 Months	1,039,747	1,009,284	+3.0	840,326	827,581	+1.5	1,880,073	1,836,865	+2.4
April	354,401	329,060	+7.7	293,669	266,628	+10.1	648,070	595,688	+8.8
May	324,183	316,767	+2.3	277,732	273,281	+1.6	601,915	590,048	+2.0
June	345,195	332,697	+3.8	286,722	290,034	-1.1	631,917	622,731	+1.5
6 Months	2,063,526	1,987,808	+3.8	1,698,449	1,657,524	+2.5	3,761,975	3,645,332	+3.2
July	302,904	286,758	+5.6	254,134	256,561	-0.9	557,038	543,319	+2.5
August	295,399	289,580	+2.0	259,038	272,941	-5.1	554,437	562,521	-1.4
September		321,352			272,864			594,216	
9 Months		2,885,498			2,459,890			5,345,388	
October		380,810			308,139			688,949	
November		307,417			259,325			566,742	
December		382,744			306,136			688,880	
YEAR-END		3,956,469			3,333,490			7,289,959	

Figures include shipments to mobile home manufacturers.

COMMERCIAL WATER HEATERS

MONTH	GAS COMMERCIAL WATER HEATERS (a) 1989	1988	%Chg.	ELECTRIC COMMERCIAL WATER HEATERS 1989	1988	%Chg.
January	9,111	9,003	+1.2	1,684	1,335	+26.1
February	9,053	8,967	+1.0	1,518	1,384	+9.7
March	10,704	10,630	+0.7	1,851	1,595	+16.1
3 Months	28,868	28,600	+0.9	5,053	4,314	+17.1
April	9,052	9,043	+0.1	1,623	1,698	-4.4
May	9,106	8,808	+3.4	1,728	1,505	+14.8
June	8,663	9,748	-11.1	1,719	1,857	-7.4
6 Months	55,689	56,199	-0.9	10,123	9,374	+8.0
July	7,947	7,641	+4.0	1,380	1,296	+6.5
August	8,185	7,872	+4.0	1,791	1,674	+7.0
September		8,662			1,593	
9 Months		80,374			13,937	
October		9,399			1,694	
November		8,700			1,609	
December		10,209			1,755	
YEAR-END		108,682			18,995	

(a) Includes integral tank type and copper tube or coil type commercial gas water heaters.
(r) Revised

CENTRAL HEATING FURNACES

MONTH	GAS WARM AIR FURNACES 1989	GAS WARM AIR FURNACES 1988	GAS WARM AIR FURNACES %Chg.	OIL WARM AIR FURNACES 1989	OIL WARM AIR FURNACES 1988	OIL WARM AIR FURNACES %Chg.	ELECTRIC WARM AIR FURNACES 1989	ELECTRIC WARM AIR FURNACES 1988	ELECTRIC WARM AIR FURNACES %Chg.
January	178,465	157,210	+13.5	14,775	15,095	-2.1	22,655	27,685	-18.2
February	148,075	134,270	+10.3	12,890	12,790	+0.8	23,940	24,050	-0.5
March	135,190	147,965	-8.6	9,785	11,910	-17.8	28,252	24,565	+15.0
3 Months	461,730	439,445	+5.1	37,450	39,795	-5.9	74,847	76,300	-1.9
April	131,490	124,910	+5.3	6,725	7,755	-13.3	28,291	20,885	+35.5
May	142,090	118,490	+19.9	7,855	8,460	-7.2	28,508	29,575	-3.6
June	168,290	138,545	+21.5	10,300	10,640	-3.2	31,311	30,890	+1.4
6 Months	903,600	821,390	+10.0	62,330	66,650	-6.5	162,957	157,650	+3.4
July	185,550	163,550	+13.5	10,655	14,890	-28.4	26,167	27,150	-3.6
August	215,965	200,730	+7.6	21,770	22,565	-3.5	27,905	23,945	+16.5
September		254,035			32,085			24,680	
9 Months		1,439,705			136,190			233,425	
October		251,855			27,210			23,090	
November		223,035			22,785			17,045	
December		177,570			17,600			19,535	
YEAR-END		2,092,165			203,785			293,095	

GAS & OIL BOILERS

MONTH	GAS BOILERS 1989	GAS BOILERS 1988	GAS BOILERS %Chg.	OIL BOILERS 1989	OIL BOILERS 1988	OIL BOILERS %Chg.
January	14,149	16,694	-15.2	8,821	11,848	-25.5
February	10,698	11,102	-3.6	7,234	6,030	+20.0
March	11,310	12,017	-5.9	9,390	9,677	-3.0
3 Months	36,157	39,813	-9.2	25,445	27,555	-7.7
April	7,267	6,834	+6.3	4,931	6,525	-24.4
May	8,435	9,974	-15.4	6,439	6,728	-4.3
June	15,879	15,140	+4.9	11,821	11,472	+3.0
6 Months	67,835	71,761	-5.5	48,636	52,280	-7.0
July	11,959	14,010	-14.6	8,242	9,597	-14.1
August	20,883	20,347	+2.6	15,603	14,575	+7.1
September		28,423			19,053	
9 Months		134,541			95,505	
October		32,057			20,469	
November		25,785			16,235	
December		18,937			11,995	
YEAR-END		211,320			144,204	

(r) Revised

GAS RESIDENTIAL WALL FURNACES

MONTH	VENTED WALL FURNACES			DIRECT VENT SYSTEM WALL FURNACES (a)			TOTAL WALL FURNACES		
	1989	1988	%Chg.	1989	1988	%Chg.	1989	1988	%Chg
January	9,850	9,280	+6.1	6,030	4,400	+37.0	15,880	13,680	+16.1
February	6,340	4,240	+49.5	3,180	2,360	+34.7	9,520	6,600	+44.2
March	5,080	5,850	-13.2	4,870	4,450	+9.4	9,950	10,300	-3.4
3 Months	21,270	19,370	+9.8	14,080	11,210	+25.6	35,350	30,580	+15.6
April	5,520	4,990	+10.6	5,640	3,690	+52.8	11,160	8,680	+28.6
May	6,130	6,480	-5.4	4,640	5,180	-10.4	10,770	11,660	-7.6
June	7,910	8,540	-7.4	4,810	5,830	-17.5	12,720	14,370	-11.5
6 Months	40,830	39,380	+3.7	29,170	25,910	+12.6	70,000	65,290	+7.2
July	7,120	5,770	+23.4	5,510	5,720	-3.7	12,630	11,490	+9.9
August	7,740	8,880	-12.8	4,540	4,610	-1.5	12,280	13,490	-9.0
September		16,050			8,090			24,140	
9 Months		70,080			44,330			114,410	
October		12,670			7,480			20,150	
November		12,030			7,210			19,240	
December		13,090			6,310			19,400	
YEAR-END		107,870			65,330			173,200	

(a) Figures exclude shipments of wall furnaces for installation in recreational vehicles.
(r) Revised

VENTED & UNVENTED ROOM HEATERS

MONTH	VENTED ROOM HEATERS			UNVENTED ROOM HEATERS		
	1989	1988	%Chg.	1989	1988	%Chg.
January	3,413	3,613	-5.5	7,023	10,321	-32.0
February	3,286	2,173	+51.2	3,647	3,653	-0.2
March	4,568	4,824	-5.3	15,738	6,159	+155.5
3 Months	11,267	10,610	+6.2	26,408	20,133	+31.2
April	4,130	4,534	-8.9	16,598	12,133	+36.8
May	6,287	6,227	+1.0	25,691	17,220	+49.2
June	8,556	9,757	-12.3	26,320	21,356	+23.2
6 Months	30,240	31,128	-2.9	95,117	70,842	+34.3
July	7,106	7,654	-7.2	26,016	16,271	+59.9
August	10,582	8,618	+22.8	26,527	15,131	+75.3
September		11,849			24,744	
9 Months		59,249			126,988	
October		15,028			32,609	
November		10,432			20,476	
December		6,717			22,088	
YEAR-END		91,426			202,161	

OTHER HEATING EQUIPMENT

MONTH	GAS RECREATIONAL VEHICLE HEATING SYSTEMS (a)			GAS FLOOR FURNACES		
	1989	1988	%Chg.	1989	1988	%Chg.
January	19,069	17,578	+8.5	1,098	1,217	-9.8
February	19,800	18,998	+4.2	693	930	-25.5
March	23,426	24,693	-5.1	1,249	1,178	+6.0
3 Months	62,295	61,269	+1.7	3,040	3,325	-8.6
April	16,023	22,058	-27.4	1,056	1,076	-1.9
May	*	21,963		1,344	1,592	-15.6
June	*	21,133		1,105	2,092	-47.2
6 Months	*	126,423		6,545	8,085	-19.0
July	*	18,602		1,602	1,015	+57.8
August	*	19,384		1,509	1,726	-12.6
September		18,268			2,021	
9 Months		182,377			12,847	
October		19,232			3,599	
November		18,391			1,734	
December		15,518			2,120	
YEAR-END		235,518			20,300	

(a) Includes Direct Vent Wall & Direct Vent Central Furnaces.
(r) Revised
* Not available due to possible disclosure

GAS UNIT HEATERS AND DUCT FURNACES

MONTH	PROPELLER FAN TYPE UNIT HEATERS			BLOWER TYPE UNIT HEATERS			DUCT FURNACES		
	1989	1988	%Chg.	1989	1988	%Chg.	1989	1988	%Chg
January	15,019	13,557	+10.8	937	884	+6.0	2,063	1,638	+25.9
February	12,673	11,221	+12.9	1,133	831	+36.3	1,723	1,774	-2.9
March	12,971	6,652	+95.0	902	628	+43.6	1,857	1,028	+80.6
3 Months	40,663	31,430	+6.2	2,972	2,343	+26.8	5,643	4,440	+27.1
April	11,551	5,794	+99.4	551	566	-2.7	1,395	1,092	+27.7
May	10,343	5,608	+84.4	545	696	-21.7	1,164	1,325	-12.2
June	14,926	11,844	+26.0	850	573	+48.3	1,425	982	+45.1
6 Months	77,483	54,676	+41.7	4,918	4,178	+17.7	9,627	7,839	+22.8
July	8,394	10,289	-18.4	454	581	-21.9	778	631	+23.3
August	17,641	15,834	+11.4	1,059	1,063	-0.4	1,676	1,306	+28.3
September		19,789			1,124			1,635	
9 Months		100,588			6,946			11,411	
October		16,909			1,171			1,879	
November		19,643			1,170			2,298	
December		21,989			1,189			2,414	
YEAR-END		159,129			10,476			18,002	